



# CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name	Govt. PHC, Belarahalli	Lab No	12120
Constituent Group	Chemistry III	Date of Result Entered :	20/08/2023
PT item	Lyophilized human serum based	Date of Report Published :	01/09/2023

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE III	GOD-POD III	Robonik ( Semi automatic / Fully Automatic )	1841	175.58	5.13	9.00	169 mg/dL	-0.73	0.42
2	CREATININE III	Jaffes Kinetic - Alkaline Picrate III	Robonik ( Semi automatic / Fully Automatic )	1852	1.76	6.77	0.12	1.7 mg/dL	-0.50	0.01
3	CHOLESTROL III	CHOD-PAP III	Robonik ( Semi automatic / Fully Automatic )	1764	113.80	4.07	4.64	112 mg/dL	-0.39	0.22

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within $\pm 1.01$ to $\pm 2.00$	Good.
Within $\pm 2.01$ to $\pm 2.99$	Accept with caution. Warning Signal.
Beyond $\pm 3.0$	Unacceptable performance. Action Signal.

## LAB ADDRESS :

Govt. PHC, Belarahalli  
THE MEDICAL OFFICER, BELARAHALLI PHC, PALACODE, DHARDMAPURI DIST.  
Belarahalli  
TAMILNADU636808

*[Signature]*  
MEDICAL OFFICER  
Govt Primary Health Centre  
Belarahalli  
Dharmapuri (Dt)

Coordinator Contact Details:  
Email: [clinqc@cmcvellore.ac.in](mailto: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 \*\*\*\*\*

### Calibration Certificate

<b>Model Name: PRIETEST TOUCH</b> <b>Sr. No: ATCD1020621RBK</b> <b>The Medical Officer,</b> <b>Primary Health Center,</b> <b>Belarahalli, Palacode Block.</b>	<b>Certificate No.: Analyzer- ATCD -014 / 2023-2024</b> <b>Date of Calibration: 27-09-2023</b> <b>Calibration Due on: 26-09-2024</b>
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#### STANDARD USED FOR CALIBRATION

Parameters	Inst. Name & Sr. No.	Cert. No.	Calibrated by	Validity
Temperature Calibration	Digital Thermometer	UCS/CAL/21100315	Universal Instrument	31/10/2024
Temperature Calibration	Digital Thermometer	UCS/CAL/21100314	Universal Instrument	31/10/2024
Film readings Calibration	Spectrophotometer, Make: Shimadzu, Model No.: UV-1800, Sr. No. A-1145 4702871	REG/28/2207	QC dept. of Reagent Robonik India pvt.ltd	20/07/2024


#### OBSERVATIONS (Temperature Calibration)

Temperature Details	Incubator Temperature	Cuvette Temperature
Thermometer Sr. No.	025	012
Obtained Value	37.5°c	37.4°c
Range	37°c (± 1°c)	37°c (± 0.5°c)

#### OPTICAL FILM READING CALIBRATION

Wavelength	Film type	Range	Absorbance Obtained
340 nm	1SP	0.549 – 0.619	0.590
	1HP + 1SP	0.842 – 0.975	0.914
	1TP	1.627 – 1.853	1.737
	2DP + 1HP	2.643 – 3.427	2.714
405 nm	1SP	0.307 – 0.348	0.318
	1TP	0.929 – 1.062	1.007
	2DP + 1HP	1.432 – 1.642	1.572
	3TP	2.809 – 3.318	3.034
510 nm	1SP	0.299 – 0.337	0.300
	1TP	0.913 – 1.054	0.997
	2DP + 1HP	1.386 – 1.576	1.505
	3TP	2.784 – 3.232	2.997
545 nm	1SP	0.264 – 0.313	0.286
	1TP	0.844 – 0.956	0.918
	2DP + 1HP	1.287 – 1.446	1.393
	3TP	2.512 – 2.849	2.790
578 nm	1SP	0.265 – 0.302	0.292
	1TP	0.791 – 0.904	0.874
	2DP + 1HP	1.200 – 1.391	1.337
	3TP	2.387 – 2.702	2.660
630 nm	1SP	0.300 – 0.352	0.331
	1TP	0.977 – 1.115	1.065
	2DP + 1HP	1.443 – 1.648	1.584
	3TP	2.806 – 3.230	3.165

Biochemistry Analyzer bearing serial no. **ATCD1020621RBK** has been calibrated for above parameter and found to be within its acceptance criteria.

  
**MEDICAL OFFICER**  
**Sovt. Primary Health Centre**  
**Belarahalli**  
**Dharmapuri-101**




Approved

**DIRECTORATE OF PUBLIC HEALTH AND PREVENTIVE  
MEDICINE**

**LEGAL IDENTITY CERTIFICATE**

This is to certify that following Primary Health Centre is functioning under the Department of Public Health and Preventive Medicine, Government of Tamil Nadu

Name of the District	Name of the Health Unit District	Name of the Block	Name of the Primary Health Centre
Dharmapuri	Dharmapuri	Palacode	Belarahalli Addl. PHC

  
**MEDICAL OFFICER**  
Govt. Primary Health Centre  
Belarahalli  
Dharmapuri-(Dt)