



# CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name	REGIONAL AYURVEDA RESEARCH INSTITUTE	Lab No	18576
Constituent Group	Chemistry I	Date of Result Entered :	18/07/2023
PT item	Lyophilized human serum based	Date of Report Published :	07/08/2023

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Transasia / Erba	958	290.09	5.86	17.01	315.2 mg/dL	1.48	1.10
2	UREA	Urease UV / GLDH	Transasia / Erba	936	65.47	7.64	5.00	70.9 mg/dL	1.09	0.33
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	477	4.42	5.66	0.25	4.84 mg/dL	1.68	0.02
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Transasia / Erba	949	3.51	9.32	0.33	3.18 mg/dL	-1.01	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	968	6.14	6.87	0.42	6.17 g/dL	0.07	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	983	3.59	5.24	0.19	3.87 g/dL	1.49	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	704	10.28	7.24	0.74	10.7 mg/dL	0.56	0.06
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	932	6.10	7.64	0.47	6.2 mg/dL	0.21	0.03
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	936	121.13	6.92	8.38	156 mg/dL	4.16	0.55
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	692	138.26	7.58	10.48	117.6 mg/dL	-1.97	0.80
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	726	29.95	10.29	3.08	28.3 mg/dL	-0.54	0.23
12	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	915	204.74	8.96	18.35	211.9 U/L	0.39	1.21
13	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	927	277.56	11.78	32.69	313.8 U/L	1.11	2.15
14	ALP	PNP AMP kinetic	Transasia / Erba	918	210.77	15.90	33.52	205 U/L	-0.17	2.21

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 :  
REGIONAL AYURVEDA RESEARCH INSTITUTE  
DEPARTMENT OF PATHOLOGY & BIOCHEMISTRY, AAMKHO  
GWALIOR  
MADHYA PRADESH 474009

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



# Calibration - EM 200

Test : CHOL

Revision : <A-200-CHOL-1 20.08.2013>

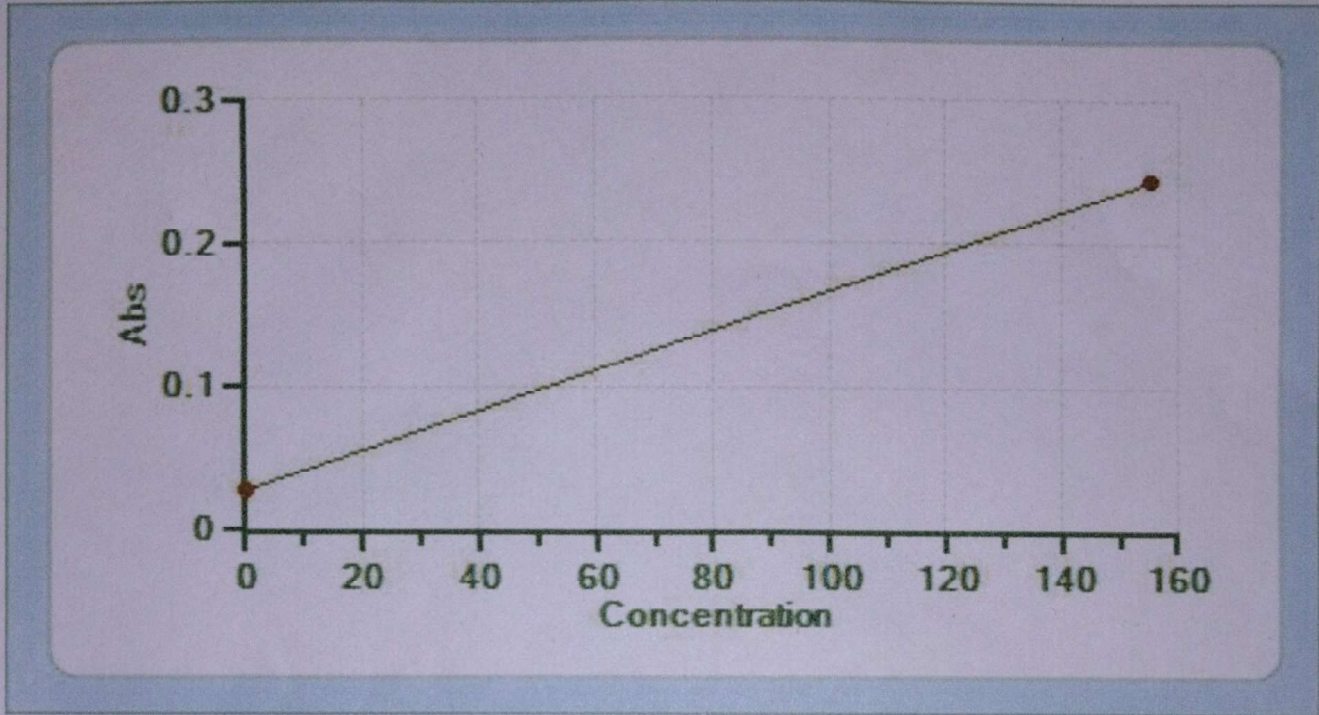
Curve Type : Linear

R1 Lot-Bottle No : T122212-251#1109

Calibration Date : 11-Aug-2023 12:26:35

R2 Lot-Bottle No : ---

Last Calibration Date : 11-Aug-2023 12:26:35



Pos	Consumable	LotNo.	Conc	Abs	Factor
-	BLANK NS	34567	0.000	0.0276	0.0000
-	MULTICAL	2206133A	155.000	0.2435	717.9250



# Result Reprint

Report Type : Controls 11-Aug-2023

Sr #	Lot #	Consumable	Test	Result Unit	Flag	Curve #	Result Date	Mean	SD	Interval (3SD)
1	SO62244	ERBA PATH	CHOL	251 mg/dL	-1SD	4620	11-Aug-2023 12:27:47	266.140	13.310	226.21 - 306.07
2	SO62244	ERBA PATH	CHOL	254 mg/dL		4641	11-Aug-2023 13:18:58	266.140	13.310	226.21 - 306.07