



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - DECEMBER 2023



PC-1024

Lab Name BM LABORATORY & DIGITAL X RAY Lab No 16544
 Constituent Group Chemistry I Date of Result Entered : 19/12/2023
 PT item Lyophilized human serum based Date of Report Published : 02/01/2024

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	950	210.22	6.35	13.35	195 mg/dL	-1.14	0.87
2	UREA	Urease UV / GLDH	Transasia / Erba	939	111.72	6.88	7.69	111 mg/dL	-0.09	0.50
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Transasia / Erba	429	7.29	10.22	0.74	7.8 mg/dL	0.68	0.07
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	929	1.93	11.77	0.23	2 mg/dL	0.31	0.01
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	945	5.72	6.90	0.40	5.3 g/dL	-1.06	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	1009	3.40	5.29	0.18	3 g/dL	-2.22	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	695	10.63	6.71	0.71	10 mg/dL	-0.88	0.05
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	1013	7.21	8.71	0.63	6.4 mg/dL	-1.29	0.04
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	988	116.61	7.69	8.97	116 mg/dL	-0.07	0.57
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	939	91.37	11.93	10.90	125 mg/dL	3.08	0.71
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	759	28.00	11.80	3.30	23 mg/dL	-1.51	0.24
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1288	133.11	3.15	4.19	139 mmol/L	1.41	0.23
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1296	4.67	5.39	0.25	4.9 mmol/L	0.91	0.01
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1055	101.34	3.81	3.86	104 mmol/L	0.69	0.24
15	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	989	91.74	9.48	8.70	111 U/L	2.21	0.55
16	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	988	52.67	12.91	6.80	62 U/L	1.37	0.43
17	ALP	PNP AMP kinetic	Transasia / Erba	913	152.72	15.23	23.25	117 U/L	-1.54	1.54

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 :

BM LABORATORY & DIGITAL X RAY
 TG BADAVANE 1ST MAIN ROAD, KAMMAVARI PETE
 HOSKOTE
 KARNATAKA562114

VIEW LAB MONTHLY SUMMARY

Lab Name	BM LABORATORY & DIGITAL X RAY				Details About Robust Analysis						
Lab No	16544				Detail About Monthly Summary						
Month	December				Detail about SDI						
Year	2023										
Constituent Group	HbA1c										
Click on the analyte to view Graphical Data					All Analyser Result		Print				
					Date of Result Entered : 19/12/2023						
					Date of Report Published : 02/01/2024						
Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	SD	Your Value	SDI	U	
1	HbA1c	Turbidimetric Inhibition Immunoassay	Any Analyser	345	6.16	12.39	0.76	6.4 %	0.31	0.08	
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.									

Links

Modify Address	Modify Methods	Submit Lab Results	View Lab Monthly Summary
Yearly Summary	Change Password	Home	Sign-out

Preventive and Corrective Action Report

Customer Name: BM Laboratory and Digital X-ray

Address:

Problem Reported Major / Minor	ALBUMIN, TRIGLYCERIDE, AST parameters of EQAS DECEMBER OUT OF RANGE for TRIGLYCERIDE and within warning Range ALBUMIN and AST
-----------------------------------	---

Date	2/01/2024	Time	10:00 Am
------	-----------	------	----------

Description of deficiency:

ALBUMIN, AST EQAS parameters are outside Range But within warning Range (2-3SD) TRIGLYCERIDE is EQAS is Totally outside Range (3-4SD)

Finding:

Recalibrated the parameters and Done Retained Sample EQAS testing. After calibration All Above EQAS values found satisfactory

Preventive Action:

Before Running Any External Quality Samples Internal Quality Control level 1 and level 2 Ranges needs to be checked and if All parameters are Acceptable within limits then only EQAS Sample needs to be processed

Corrective Action:

Calibrated the Albumin, AST, and TRIG
and Doao EQAS December 2023 Retained.

Sample testing the observed values found

Satisfactory.

CAPA Report Prepared by: Jithendra

Designation: QC - Head

Sign: 

Date: 2/01/2024

Preventive and Corrective Action Report

Customer Name : BM Lab and Digital X-ray

Address :

Problem Reported	Scope of BUN and LDH is not
Major / Minor	Updated in NABL PORTAL

Date	17/1/24	Time	11:00 AM
------	---------	------	----------

Description of deficiency :

Scope of methodology for BUN and LDH is not updated in NABL Portal

Finding :


BUN and Urea Methodology is Uruse / GLDH
LDH Parameters we are not using so it is
out of scope for NABL

Preventive Action :

—

Corrective Action :

BUN and Urea Methodology is ~~Ure~~ UREASE/GLDH
LDH parameter. We are not Using
So it is Out of Scope for NABL-MELT

CAPA Report Prepared by: Jithendra
Designation: QC-head
Sign: 
Date: 17/1/24