



CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name **ALVAS DIAGNOSTIC CENTRE**

Lab No **0561**

Constituent Group **Chemistry I**

Date of Result Entered : **18/09/2023**

PT item **Lyophilized human serum based**

Date of Report Published : **05/10/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Biosystems	319	205.89	4.65	9.57	199.74 mg/dL	-0.64	1.07
2	UREA	Urease UV / GLDH	Biosystems	284	103.89	7.17	7.45	89.85 mg/dL	-1.89	0.88
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	244	7.21	7.80	0.56	7.69 mg/dL	0.85	0.07
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Biosystems	257	1.70	15.93	0.27	1.75 mg/dL	0.18	0.03
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	331	5.62	6.30	0.35	5.53 g/dL	-0.25	0.04
6	ALBUMIN	BCG - colorimetric	Biosystems	303	3.27	7.13	0.23	2.92 g/dL	-1.50	0.03
7	CALCIUM	Arsenazo III	Biosystems	217	10.87	6.61	0.72	10.8 mg/dL	-0.10	0.10
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	461	5.80	12.24	0.71	5.2 mg/dL	-0.85	0.07
9	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	308	7.58	7.88	0.60	7.74 mg/dL	0.27	0.07
10	CHOLESTEROL	CHOD-PAP	Biosystems	329	124.28	6.22	7.73	130.9 mg/dL	0.86	0.85
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	311	115.31	8.09	9.32	123.48 mg/dL	0.88	1.06
12	SODIUM	ISE - Indirect	Any Analyser	534	133.77	2.35	3.14	131 mmol/L	-0.88	0.27
13	POTASSIUM	ISE - Indirect	Any Analyser	556	4.70	5.57	0.26	4.2 mmol/L	-1.91	0.02
14	CHLORIDE	ISE - Indirect	Any Analyser	411	101.50	3.61	3.67	96 mmol/L	-1.50	0.36
15	AST	UV kinetic(with & without PLP (P-5-P))	Biosystems	306	102.86	12.21	12.56	104.73 U/L	0.15	1.44
16	ALT	UV kinetic(with & without PLP (P-5-P))	Biosystems	305	58.80	12.89	7.58	70.13 U/L	1.50	0.87
17	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	928	155.50	10.99	17.08	256.3 U/L	5.9	1.12
18	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation)	257	117.11	17.97	21.04	88.84 U/L	-1.34	2.62

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 :
ALVAS DIAGNOSTIC CENTRE
ALVA'S HEALTH CENTRE, MOODBIDRI, MANGALORE DISTRICT
MOODBIDRI
KARNATAKA574227

Parvula Christudoss

Coordinator Contact Details:
Email: clinqc@cmcvellore.ac.in
Contact Number: 0416-2283102

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 *******

Verified
10/10/2023
MOODIBI-518



Corrective and Preventative Action Report

Customer Name: Alvas Health Centre

Address: Moodbidi 574227

Problem Reported Major/Minor	ALP value is is out of Acceptable Range for EQUAS Month September.
--	---

Date	5-10-2023	Time	11 am
-------------	-----------	-------------	-------

Description of deficiency:

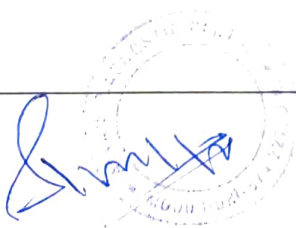
EQUAS ALP value is outside acceptable range i.e beyond $\pm 3SD$. (256.3 IU/L)

Finding:

Recalibrated the parameter, Rerun the Retained frozen sample of last month EQUAS value obtained is acceptable within the limits i.e 153 IU/L

Corrective Action:

Recalibrated the parameter Rerun the frozen EQUAS sample the following value is obtained i.e 153 IU/L which is within the acceptable limit



Preventative Action:

Before running the ~~EQAS~~ Sample
Internal QC Level 1 & Level 2 should be
checked compulsarily

CAPA Report Prepared by:

Designation:

Sign:

Date:

Dr Shankar Shelke
Biochemistry & Quality Head



10/10/2023