

VIEW LAB MONTHLY SUMMARY

Lab Name ALVAS DIAGNOSTIC CENTRE  
 Lab No 0561  
 Month January  
 Year 2024  
 Constituent Group Chemistry I

Details About Robust Analysis

Detail About Monthly Summary

Detail about SDI

Click on the analyte to view Graphical Data

All Analyser Result

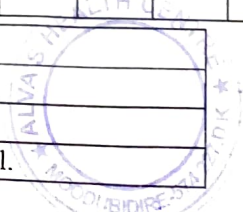
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Date of Result Entered : 19/01/2024

Date of Report Published : 06/02/2024

1	GLUCOSE	GOD-POD	Biosystems	316	124.96	5.93	7.41	120 mg/dL	-0.67	0.83
2	UREA	Urease UV / GLDH	Biosystems	271	35.69	8.08	2.88	34 mg/dL	-0.59	0.35
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	246	1.69	10.34	0.18	1.3 mg/dL	-2.23	0.02
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Biosystems	258	1.92	15.85	0.30	1.6 mg/dL	-1.05	0.04
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	316	5.27	6.81	0.36	4.3 g/dL	-2.70	0.04
6	ALBUMIN	BCG - colorimetric	Biosystems	292	3.14	6.69	0.21	3 g/dL	-0.67	0.02
7	CALCIUM	Arsenazo III	Biosystems	215	9.04	8.27	0.75	10 mg/dL	1.28	0.10
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Biosystems	113	6.17	8.18	0.50	6.5 mg/dL	0.65	0.09
9	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	282	5.38	7.71	0.42	4.1 mg/dL	-3.05	0.05
10	CHOLESTEROL	CHOD-PAP	Biosystems	296	111.83	5.82	6.50	145 mg/dL	5.1	0.76
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	303	146.36	7.31	10.70	150 mg/dL	0.34	1.23
12	SODIUM	ISE - Indirect	Any Analyser	477	131.12	2.99	3.92	131 mmol/L	-0.03	0.36
13	POTASSIUM	ISE - Indirect	Any Analyser	467	3.21	5.21	0.17	3.5 mmol/L	1.74	0.02
14	CHLORIDE	ISE - Indirect	Any Analyser	345	95.00	5.06	4.81	96 mmol/L	0.21	0.52
15	AST	UV kinetic(with & without PLP (P-5-P))	Biosystems	297	110.05	10.30	11.34	82.82 U/L	-2.40	1.32
16	ALT	UV kinetic(with & without PLP (P-5-P))	Biosystems	300	45.10	11.64	5.25	33.39 U/L	-2.23	0.61
17	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	338	216.04	19.11	41.29	269 U/L	1.28	4.49
18	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation)	224	58.35	19.92	11.62	42.28 U/L	-1.38	1.55

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.

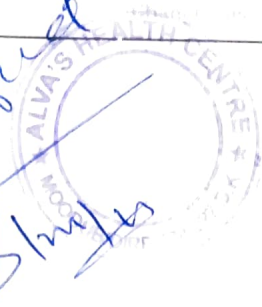


Beyond  $\pm 3.0$

Unacceptable performance. Action Signal.

Links


*Vasford*  
*Slm*



### Corrective and Preventative Action Report

Customer Name: Alvas Health Centre

Address: Moodabidri 574227

<b>Problem Reported</b> <b>Major /Minor</b>	Creatinin, TP, uric acid, cholesterol, AST and ALT parameters are out of Acceptable Range that for EQUAS Month Jan 2024
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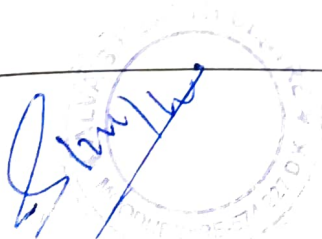
<b>Date</b>	06-02-2024	<b>Time</b>	10. am
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**Description of deficiency:** Creatinine, TP, uric acid, cholesterol, AST and ALT are outside acceptable range i.e. beyond  $\pm 2SD$   
Creat-1.3 mg/dl, TP-4.3 g/dl, uric acid 4.1 mg/dl, chol. 143 mg/dl, AST, 22 IU/L  
ALT 33.2 IU/L

**Finding:** Recalibrated the above parameters, re-run the returned Frozen Sample of last month, EQUAS values observed are  
Creat-1.5 mg/dl, TP-5.1 g/dl, uric acid 5.2 mg/dl, chol. 115 mg/dl, AST-104 IU/L, ALT 42 IU/L

**Corrective Action:**

Recalibrated the parameters, re-run the Frozen EQUAS Sample, the following values are observed Creat. 1.5 mg/dl, TP. 5.1 g/dl, uric acid 5.2 mg/dl, chol. 115 mg/dl, AST 104 IU/L, ALT 42 IU/L which are within the acceptable limit of  $\pm 2SD$



**Preventative Action:**

Before running the EKOAS the Analyser must be calibrated and Internal Qc should be run of at least 2 level compulsorily and every T. Sample must be run with the controls

**CAPA Report Prepared by :**

**Designation :**

**Sign :**

**Date :**

Dr Shankar Shetty  
Biochemist & Quality Head  
6/2/2024

