

LAB MONTHLY SUMMARY



Lab Name **THE BIO CLINICAL LABORATORY** Lab No **13688**
 Month **February** Year **2021**
 Constituent Group **Chemistry I**



Date of Result Entered : 25/02/2021

Date of Report Published : 06/03/2021

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	625	256.78	8.53	21.90	276.93 mg/dl	0.92	1.75
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	526	45.71	11.02	5.04	44.36 mg/dl	-0.27	0.44
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	422	1.80	10.23	0.18	2.09 mg/dl	1.58	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	558	3.68	16.35	0.60	4.16 mg/dl	0.80	0.05
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	591	5.27	9.41	0.50	5.54 g/dl	0.54	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	592	3.22	9.28	0.30	3.18 g/dl	-0.13	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	440	10.35	8.59	0.89	11.37 mg/dl	1.15	0.08
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	315	5.35	13.06	0.70	4.05 mg/dl	-1.86	0.08
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	564	8.29	12.25	1.02	7.97 mg/dl	-0.31	0.09
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	588	107.89	10.13	10.93	99.1 mg/dl	-0.80	0.90
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	549	97.03	12.55	12.18	91.48 mg/dl	-0.46	1.04
12	HDL CHO	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	384	26.29	17.31	4.55	27.25 mg/dl	0.21	0.46
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	484	135.87	3.17	4.30	131 mmol/L	-1.13	0.39
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	484	4.50	5.83	0.26	4.6 mmol/L	0.38	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	374	102.10	4.07	4.15	100 mmol/L	-0.51	0.43
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Any Analyser (Automation / Semi Automation)	145	20.26	16.67	3.38	24 mmol/L	1.11	0.56
17	AST	UV kinetic without PLP (P-5-P)	Any Analyser (Automation / Semi Automation)	377	85.24	12.61	10.75	77.64 U/L	-0.71	1.11
18	ALT	UV kinetic without PLP (P-5-P)	Any Analyser (Automation / Semi Automation)	285	99.75	14.85	14.81	63.62 U/L	-2.44	1.75
19	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	363	90.03	14.90	13.41	84.08 U/L	-0.44	1.41
20	AMYLASE	CNPG3	Any Analyser	337	104.14	16.37	17.04	91 U/L	-0.77	1.86

			(Automation / Semi Automation)							
21	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	67	156.23	11.73	18.32	181.5 ug/dl	1.38	4.48
22	MAGNESIUM	Others (Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	85	3.17	11.94	0.38	3.31 mg/dl	0.37	0.08

SDI Range	Interpretation
Within -1.0 to +1.0	Excellent.
Between ± 1.0 to ± 2.0	Good.
Between ± 2.0 to ± 3.0	Accept with caution. Warning Signal.
Beyond ± 3.0	Unacceptable performance. Action Signal.

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

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***** End of Report *****



THE BIO CLINICAL LABORATORY

CORRECTIVE ACTION REPORT

Form No.	BCL / QAS-BC/230
Issue No.	01
Rev No.	0

CAR No.:

Date: 10/03/2021

Sample

Process

System

Cust. Complaint

Detail of Non-Conformance

THE RESULT OF IRON VALUE WAS HIGH.

Signature:

Date: 15/02/2021

Root Cause Analysis

Signature:

Date:

Corrective Action

We have changed the brand of the reagent kit to get correct result for "Iron"

Signature:

Date: 25/02/2021

Verification & Effectiveness of Corrective Action

We got counselling clarification from the Manager of the Company. Also, we got accurate result in the report.

Signature:

Date: 10/03/2021

