



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - FEBRUARY 2022

Zenrise



PC-1024

Lab Name: LIKHITHAS DIAGNOSTICS & SPECIALITY LAB
 Lab No: 14943
 Constituent Group: Chemistry I
 Date of Result Entered: 12/02/2022
 PT Item: Lyophilized Serum
 Date of Report Published: 05/03/2022

Sl No	Analyte	Method / Principle Name	Analyser Name	No of Participants	DV	Participants CV	Participants SD	Your Value	SDI	U
1	GLUCOSE	Hexokinase	Any Analyser (Automation / Semi Automation)	102	283.29	4.97	14.09	261.5 mg/dl	-1.55	2.79
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	566	29.14	11.31	3.30	27.17 mg/dl	-0.60	0.28
3	CREATININE	Enzymatic Colorimetric	Any Analyser (Automation / Semi Automation)	92	1.09	12.71	0.14	0.93 mg/dl	-1.15	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	568	5.14	12.34	0.63	4.57 mg/dl	-0.90	0.05
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	633	5.54	8.45	0.47	5.3 g/dl	-0.51	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	617	3.39	7.94	0.27	3.42 g/dl	0.11	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	529	10.32	8.98	0.93	11.06 mg/dl	0.80	0.08
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	588	4.39	18.02	0.79	5.63 mg/dl	1.57	0.07
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	641	114.08	9.55	10.89	108.14 mg/dl	-0.55	0.86
10	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	824	133.88	3.20	4.28	135.3 mmol/L	0.33	0.30
11	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	828	4.71	5.58	0.26	4.64 mmol/L	-0.27	0.02
12	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	655	99.62	4.06	4.04	95.1 mmol/L	-1.12	0.32
13	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	534	133.26	11.26	15.00	136.94 U/L	0.25	1.30
14	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	525	79.11	15.06	11.91	83.41 U/L	0.36	1.04
15	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	457	71.29	19.10	13.62	59.9 U/L	-0.84	1.27
16	MAGNESIUM	Xylidyl Blue	Any Analyser (Automation / Semi Automation)	188	2.71	20.07	0.55	3.13 mg/dl	0.77	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.

Satisfied
Satisfactory
SPR

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