



Lab 186635

CDDC LAB
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INDIA

Sample Summary Report
Clinical Chemistry (Monthly) Program

Cycle 22
Jul 2023 – Jul 2024
Sample No: 12
Sample Date: 24 Jun 24
Lot No: 212100



Instrument: Genius Electronics GE300/InnoLyte Electrolyte Analyzer (Genrui)

Analyte	Unit	Result	Mean	Z-score	RMZ	Comparator
▼ Chloride	mmol/L	116.2	108	2.49	1.04	Peer
✓ Potassium	mmol/L	4.86	4.48	1.84	0.50	Peer
✓ Sodium	mmol/L	152.4	146	1.58	0.96	Peer

Instrument: Mindray BS Series

Analyte	Unit	Result	Mean	Z-score	RMZ	Comparator
✓ Albumin	g/dL	4.19	4.13	0.35	0.38	Mode
✓ Alkaline Phosphatase	U/L	331	300	1.34	0.44	Mode
✓ ALT (ALAT/GPT)	U/L	71	67.9	0.82	1.03	Mode
✓ AST/GOT	U/L	211.1	205	0.40	0.26	Mode
✓ Bilirubin, Direct	mg/dL	2.09	1.97	0.47	0.42	Mode
✓ Bilirubin, Total	mg/dL	6.05	5.94	0.31	-0.12	Method
✓ Cholesterol, HDL	mg/dL	54.5	58.7	-0.67	0.48	Mode
✓ Cholesterol, Total	mg/dL	266	268	-0.16	-0.14	Mode
✓ Creatinine	mg/dL	1.76	1.80	-0.20	0.04	Method
✓ Glucose	mg/dL	101	96.4	0.76	0.43	Method
✓ Iron	µg/dL	165.8	166	-0.07	-0.88	Mode
✓ Protein, Total	g/dL	6.57	6.52	0.25	0.14	Method
✓ Triglycerides	mg/dL	171	163	0.89	0.32	Method
▼ Urea	mg/dL	132.9	121	2.22	0.84	Method
✓ Uric Acid	mg/dL	5.08	4.98	0.46	0.26	Mode

Instrument: Snibe MAGLUMI Series

Analyte	Unit	Result	Mean	Z-score	RMZ	Comparator
✓ T4, Free	ng/dL	1.45*	1.38	0.40	0.03	Peer
✓ T4, Total	µg/dL	9.45*	8.86	0.47	0.44	Peer
✓ TSH	µIU/mL	15.7	14.8	0.93	0.56	Peer

Legend: ✓ No Warnings 🗑️ Missing Result 📅 Late Results ▼ $2.0 \leq |Z\text{-score}| < 3.0$ ✖ $|Z\text{-score}| \geq 3.0$
 * Amended Result (per participant's request) ✖ Non-robust determination of Mean and SD

Problem Classification: _____

Corrective Action: _____

Reviewed by: _____

Date: _____