

VALUE SHEET

Clinical Chemistry Control Level 1

5.0 mL



REF

CCC01.1

LOT

FDQ47R2



26/04/2024

VER

1

Parameter	Method	Unit	Target Value	Range
ALP	IFCC Reference Method	U/L (37°C)	107	80.9 - 133
ALT	IFCC Reference Method	U/L (37°C)	39.7	30.7 – 48.7
AMY-T.	IFCC Reference Method	U/L (37°C)	91.1	73.2 - 109
AST (SGOT)	IFCC Reference Method	U/L (37°C)	52.9	40.6 – 65.2
Cholinesterase	GSCC 1994	U/L (37°C)	5351	4377 - 6325
CK-Total	IFCC	U/L (37°C)	121	96.9 - 145
LDH	IFCC	U/L (37°C)	142	116 - 168
Lipase	Colorimetric (Imamura)	U/L (37°C)	70.0	56.1 – 83.9
GGT	IFCC	U/L (37°C)	53.3	41.9 – 64.7
Albumin	Bromocresol Green BCG	g/dL	2.83	2.22 – 3.44
Bilirubin, Direct	DPD	mg/dL	0.65	0.48 – 0.82
Bilirubin, Total	DPD	mg/dL	1.49	1.10 – 1.89
Calcium	Arsenazo III	mg/dL	9.38	8.35 – 10.4
Chloride	ISE Indirect	mmol/L	98.3	89.6 - 107
Cholesterol, Total	CHO-POD	mg/dL	117	101 - 133
Creatinine	Jaffe	mg/dL	1.37	1.07– 1.67
Glucose	HK G6P-DH	mg/dl	98.6	83.3 - 114
Iron	TPTZ	µg/dl	72.4	62.5 – 82.3
Lactate	Trinder Method	mg/dL	13.3	10.5 – 16.1
Magnesium	Xylidyl Blue	mg/dL	2.80	2.36 – 3.24
Phosphorus	Phosphomolybdate UV	mg/dL	7.19	5.92 – 8.46
Potassium	ISE Indirect	mmol/L	4.06	3.70 – 4.42
Protein, Total	Biuret	g/dl	4.66	4.17 – 5.15
Sodium	ISE Indirect	mmol/L	127	119 - 135
TIBC	Calculated	µg/dL	244	200 - 289
Triglycerides	GPO-POD	mg/dL	136	112 - 160
UIBC	Nitroso-PSAP	µg/dL	172	138 - 206
Uric Acid	Uricase/POD	mg/dL	7.00	6.02 – 7.98
Urea	Urease-GLDH	mg/dL	43.0	33.2 – 52.8

In order to define means and ranges, all studies were performed with Beckman AU Series. The means and limits should be adapted to each laboratory's own requirements. Each laboratory should establish corrective measures to be taken if values fall outside the defined limits.

