



AERSSC

Laboratory: National Cardiac Center

Discipline: Clinical Bio – Chemistry

Issue Date: 08/01/2025

Certificate Number: MSL-011

Expiry Date: 31-07-2028

S. no	Materials examined/tested	Specific tests/ examination performed	Specification, standard (method) or technique used	Range of testing/ Limit of detection
1	Serum	Albumin	BCG	0.3-9.4 mg/dl
2	Serum	Alkaline phosphatase	PNPC (IFCC)	7-4522 U/L
3	Serum	ALT	Tris buffer without P5P	4-16355 U/L
4	Serum	AST	Tris buffer without P5P	4-4001 U/L
5	Serum	Direct bilirubin	Diazonium salt With	0.1-15 mg/dl
6	Serum	Total bilirubin	DCA	0.1-25 mg/dl
7	Serum	Cholesterol	Diazonium salt With	2-2992 mg/dl
8	Serum	Trig Total	DCA	2-6020 mg/dl
9	Serum	Calcium	Abell Kandel	2-18 mg/dl
10	Serum	Creatinine	Lipase GPO-Pap no Co	0.14-37.34 mg/dl

11	Serum	GGT	Arsenazo III	3-7782 U/L
12	Serum	Gluc	Alkaline picrate no dep	5-800 mg/dl
13	Serum	Hdl	GGCN substrate(IFCC)	2.5-180 mg/dl
14	Serum	Mag	Hexokinase	0.6- 9.5 mg/dl
15	Serum	Ft3	ASD	1.5 -17.81 pg/ml
16	Serum	Ft4	Enzymatic	0.46-4.14 ng/ml
17	Serum	TSH	CMIA	0.0038-100
18	Serum	PHOS	HPLC	0.2 -25.3mg/dl
19	Serum	K	CMIA	1.0-10 mEq/dl
20	Serum	TP	Phosphomolybdate	0.3-18.3 mEq/dl
21	Serum	Na	Enzy.	100-200 mEq/dl
22	Serum	Urea	ISE indirect	3-640 mEq/dl
23	Serum	Uric Acid	Biuret ISE Indirect Urease/gldh kinetic Uricase peroxidase with... ISE indirec	0.2-37.7 mEq/dl