Αριθμός έκδοσης: 24 Ημερομηνία: 7 / 06 / 2024

LINEAR – biochemical control

Multisera N - ΠΙΝΑΚΑΣ ΟΡΟΥ ΕΛΕΧΟΥ

ΑΝΑΜΕΝΟΜΕΝΕΣ ΤΙΜΕΣ

LOT: 19292 Exp.: 30/10/2027

	ΤΙΤΛΟΣ	ΕΥΡΟΣ ΑΠΟΔΟΧΗΣ	ΤΙΜΗ ΣΤΟΧΟΣ	ΜΟΝΑΔΕΣ
	ALBUMIN	3.46 - 4.7	4.08	g/dl
	Alk. Phosphatase	213 - 289	251	U/L
	a-Amylase	87.6 - 118	103	
	BILIRUBIN Total	1.34 - 2.06	1.7	mg/dl
	BILIRUBIN Direct	0.45 - 0.69	0.57	
	CALCIUM	7.31 - 8.95	8.13	
	CHE	4702 - 7054	5878	U/L
	CHOLESTEROL	135 - 177	156	mg/dl
	CREATININE	1.14 - 1.7	1.42	
	GLUCOSE	93.5 - 127	110	
	CPK	168 - 242	205	U/L
	GAMMA GT	43 - 58.2	50.6	
	GOT (AST)	31 - 47	39	
	GPT (ALT)	30.4 - 45.6	38	
	IRON (Ferrozine)	77.9 - 112	95	μg/dl
	LDH	337 - 455	396	U/L
	LIPASE	33.9 - 50.9	42.4	
	MAGNESIUM (MR)	2.17 - 2.77	2.47	mg/dl
	PHOSPHORUS	4.06 - 5.5	4.78	
	Total PROTEIN	4.75 - 7.15	5.95	g/dl
	TRIGLYCERIDES	73.7 - 102	88	mg/dl
	UREA	37.7 - 50.9	44.3	
	URIC ACID	5.32 - 6.96	6.14	
	Potassium	3.5 - 4.26	3.88	mmol/L
	Sodium	122 - 150	136	

HUMAN MULTISERA NORMAL	LOT #19292	EXP: 2027-10-30

COMPONENTE *COMPONENT*	VALOR *TARGET*	RANGO *RANGE*	1 SD	2 SD	UNIDAD *UNIT*	MÉTODO *METHOD*
ALP	251 196 161	213 – 289 166 – 226 136 – 185	19.1 14.9 12.2	38.2 29.8 24.4	U/L	Diethanolamine buffer DEA, 37°C Diethanolamine buffer DEA, 30°C Diethanolamine buffer DEA, 25°C
ALT/GPT	38 28.1 21.4	30.4 – 45.6 22.5 – 33.7 17.2 – 25.7	3.8 2.81 2.14	7.6 5.62 4.28	U/L	Tris no P5P IFCC/sfbc, 37°C Tris no P5P IFCC/sfbc, 30°C Tris no P5P IFCC/sfbc, 25°C
AST/GOT	39 26.5 18.7	31 – 47 21.1 – 31.9 14.9 – 22.5	3.98 2.71 1.91	7.96 5.42 3.82	U/L	Tris no P5P IFCC/sfbc, 37°C Tris no P5P IFCC/sfbc, 30°C Tris no P5P IFCC/sfbc, 25°C
Albumin *Albúmina*	4.08 40.8	3.46 – 4.7 34.6 – 47	0.31 3.1	0.62 6.2	g/dL g/L	Bromocresol green
Amylase *Amilasa*	103	87.6 – 118	7.72	15.4	U/L	Total. T. Liquid stable pNPG 37°C
Bilirubin Direct *Bilirrubina Directa*	1.12 19.2	0.88 – 1.36 15 – 23.3	0.12 2.07	0.24 4.14	mg/dL µmol/L	DPD
	0.57 9.75	0.45 – 0.69 7.63 – 11.9	0.06 1.06	0.12 2.12	mg/dL µmol/L	With sample blank Modified J&G
Bilirubin Total *Bilirrubina Total*	1.7 29.1	1.34 – 2.06 22.9 – 35.3	0.18 3.11	0.36 6.22	mg/dL µmol/L	With sample blank Modified J&G
	1.85 31.6	1.45 – 2.25 24.9 – 38.4	0.2 3.38	0.4 6.76	mg/dL µmol/L	Without sample blank Modified J&G
CK Total	205 128 87.5	168 – 242 105 – 151 71.7 – 103	18.4 11.5 7.88	36.8 23 15.8	U/L	CK-NAC substrate start (DGKC), 37°C CK-NAC substrate start (DGKC), 30°C CK-NAC substrate start (DGKC), 25°C
Calcium *Calcio*	8.13 2.03	7.31 – 8.95 1.83 – 2.23	0.41 0.1	0.82 0.2	mg/dL mmol/L	Arsenazo III
	7.76 1.94	6.98 – 8.54 1.74 – 2.14	0.39 0.1	0.78 0.2	mg/dL mmol/L	Cresolphtalein complexone OC
Chloride *Cloruros*	94.5	85.4 – 104	4.54	9.08	mmol/L	Colorimetric
Cholesterol *Colesterol*	156 4.04	135 – 177 3.5 – 4.58	10.3 0.27	20.6 0.54	mg/dL mmol/L	Cholesterol Oxidase
Cholinesterase *Colinesterasa*	5878	4702 – 7054	588	1176	U/L	Enzymatic butyrylthiocholin
Creatinine *Creatinina*	1.42 126	1.14 – 1.7 100 – 151	0.14 12.6	0.28 25.2	mg/dL µmol/L	Creatinine Enzymatic
GGT	50.6 39.8 31.6	43 – 58.2 33.8 – 45.7 26.9 – 36.4	3.8 2.98 2.37	7.6 5.96 4.74	U/L	g-glutamyl-4-carbo-4-nitroanilide, 37°C g-glutamyl-4-carbo-4-nitroanilide, 30°C g-glutamyl-4-carbo-4-nitroanilide, 25°C

HUMAN MULTISERA NORMAL	LOT #19292	EXP: 2027-10-30

COMPONENTE *COMPONENT*	VALOR *TARGET*	RANGO *RANGE*	1 SD	2 SD	UNIDAD *UNIT*	MÉTODO *METHOD*
Glucose *Glucosa*	110 6.11	93.5 – 126 5.19 – 7.03	8.25 0.46	16.5 0.92	mg/dL mmol/L	Glucose Oxidase
Iron *Hierro*	110 19.7	90.2 – 130 16.1 – 23.2	9.9 1.77	19.8 3.54	µg/dL µmol/L	Cromazurol
	95 17	77.9 – 112 13.9 – 20.1	8.55 1.53	17.1 3.06	µg/dL µmol/L	Ferrozine
LDH	396 286 201	337 – 455 243 – 329 171 – 231	29.7 21.5 15.1	59.4 43 30.2	U/L	Pyruvate -> Lactate SFBC, 37°C Pyruvate -> Lactate SFBC, 30°C Pyruvate -> Lactate SFBC, 25°C
Lipase *Lipasa*	42.4	33.9 – 50.9	4.24	8.48	U/L	Enymatic colorimetric, 37°C
Magnesium *Magnesio*	3.6 1.48	3.14 – 4.06 1.3 – 1.66	0.23 0.09	0.46 0.18	mg/dL mmol/L	Calmagite, BR
	2.47 1.02	2.17 – 2.77 0.9 – 1.14	0.15 0.06	0.3 0.12	mg/dL mmol/L	Calmagite, MR
Phosphorus *Fósforo*	4.78 1.54	4.06 – 5.5 1.3 – 1.78	0.36 0.12	0.72 0.24	mg/dL mmol/L	Phosphomolybdate UV
Potassium *Potasio*	5.82	5.24 – 6.4	0.29	0.58	mmol/L	ISE direct
	3.88	3.5 – 4.26	0.19	0.38	mmol/L	ISE indirect
	4.19	3.77 – 4.61	0.21	0.42	mmol/L	Kinetic
Sodium *Sodio*	154	139 – 169	7.7	15.4	mmol/L	ISE direct
	136	122 – 150	6.8	13.6	mmol/L	ISE indirect
	140	126 – 154	7	14	mmol/L	Kinetic
TIBC *TIBC*	222 39.7	175 – 269 31.3 – 48.2	23.5 4.21	47 8.42	µg/dL µmol/L	Saturation
Total Protein *Proteinas Totales*	5.95 59.5	4.75 – 7.15 47.6 – 71.4	0.6 5.95	1.2 11.9	g/dL g/L	Biuret endpoint
Triglycerides *Triglicéridos*	88 0.99	73.7 – 102 0.83 – 1.15	7.13 0.08	14.3 0.16	mg/dL mmol/L	Lipase/GOD-PAP no correction
Urea/BUN	44.3 7.38	37.7 – 50.9 6.28 – 8.48	3.32 0.55	6.64 1.1	mg/dL mmol/L	UV Enzymatic
Uric Acid *Ácido Úrico*	6.14 365	5.32 – 6.96 317 – 414	0.41 24.1	0.82 48.2	mg/dL µmol/L	Uricase/peroxidase