

LINEAR – biochemical control
Multisera N - ΠΙΝΑΚΑΣ ΟΡΟΥ ΕΛΕΧΟΥ
ΑΝΑΜΕΝΟΜΕΝΕΣ ΤΙΜΕΣ

LOT: 19407

Exp.: 30/06/2028

	ΤΙΤΛΟΣ	ΕΥΡΟΣ ΑΠΟΔΟΧΗΣ	ΤΙΜΗ ΣΤΟΧΟΣ	ΜΟΝΑΔΕΣ
	ALBUMIN	3.57 - 4.85	4.21	g/dl
	Alk. Phosphatase	251 - 341	296	U/L
	a-Amylase	80.4 - 110	95	
	BILIRUBIN Total	1.64 - 2.52	2.08	mg/dl
	BILIRUBIN Direct	0.63 - 0.95	0.79	
	CALCIUM	7.72 - 9.44	8.58	
	CHE	5288 - 7932	6610	U/L
	CHOLESTEROL	126 - 164	145	mg/dl
	CREATININE	1.18 - 1.78	1.48	
	GLUCOSE	93.5 - 126	110	
	CPK	164 - 236	200	U/L
	GAMMA GT	43.7 - 59.1	51.4	
	GOT (AST)	31.3 - 47.3	39.3	
	GPT (ALT)	35.4 - 53.2	44.3	
	IRON (Ferrozine)	80.4 - 116	98	μg/dl
	LDH	352 - 476	414	U/L
	LIPASE	37.4 - 56.2	46.8	
	MAGNESIUM (MR)	1.69 - 2.45	2.07	mg/dl
	PHOSPHORUS	3.93 - 5.33	4.63	
	Total PROTEIN	5.29 - 7.93	6.61	g/dl
	TRIGLYCERIDES	84 - 116	100	mg/dl
	UREA	37.7 - 50.9	44.3	
	URIC ACID	5.76 - 7.52	6.64	
	Potassium	3.77 - 4.61	4.19	mmol/L
	Sodium	126 - 154	140	

HUMAN MULTISERA NORMAL			LOT #19407		EXP: 2028-06-30	
COMPONENTE COMPONENT	VALOR TARGET	RANGO RANGE	1 SD	2 SD	UNIDAD UNIT	MÉTODO METHOD
GGT	51.4 40.4 32.1	43.7 – 59.1 34.3 – 46.5 27.3 – 36.9	3.85 3.03 2.41	7.7 6.06 4.82	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
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	116 20.8	95.2 – 137 17 – 24.5	10.4 1.07	20.8 3.74	µg/dL µmol/L	Cromazurol
	98 17.5	80.4 – 116 14.4 – 20.7	8.82 1.58	17.6 3.16	µg/dL µmol/L	Ferrozine
LDH	414 299 210	352 – 476 255 – 344 178 – 241	31 22.4 15.7	62 44.8 31.4	U/L	Pyruvate → Lactate SFBC, 37°C Pyruvate → Lactate SFBC, 30°C Pyruvate → Lactate SFBC, 25°C
Lipase Lipasa	46.8	37.4 – 56.2	4.68	9.36	U/L	Enzymatic colorimetric, 37°C
Magnesium Magnesio	1.79 0.74	1.47 – 2.11 0.6 – 0.88	0.16 0.07	0.32 0.14	mg/dL mmol/L	Calmagite, BR
	2.07 0.85	1.69 – 2.45 0.69 – 1.01	0.19 0.08	0.38 0.16	mg/dL mmol/L	Calmagite, MR
Phosphorus Fósforo	4.63 1.5	3.93 – 5.33 1.28 – 1.72	0.35 0.11	0.7 0.22	mg/dL mmol/L	Phosphomolybdate UV
Potassium Potasio	4.19	3.77 – 4.61	0.21	0.42	mmol/L	ISE direct
	4.1	3.7 – 4.5	0.2	0.4	mmol/L	ISE indirect
	4.97	4.47 – 5.47	0.25	0.5	mmol/L	Kinetic
Sodium Sodio	140	126 – 154	6.98	14	mmol/L	ISE direct
	142	127 – 156	7.08	14.2	mmol/L	ISE indirect
	148	133 – 163	7.4	14.8	mmol/L	Kinetic
TIBC TIBC	264 47.3	209 – 319 37.3 – 57.2	27.7 4.96	55.4 9.92	µg/dL µmol/L	Saturation
Total Protein Proteínas Totales	6.61 86.1	5.29 – 7.93 52.9 – 79.3	0.66 6.61	1.32 13.2	g/dL g/L	Biuret endpoint
Triglycerides Triglicéridos	100 1.13	84 – 116 0.95 – 1.31	8 0.09	16 0.18	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	6.84 395	5.76 – 7.52 343 – 447	0.44 26.1	0.88 52.2	mg/dL µmol/L	Uricase/peroxidase

HUMAN MULTISERA NORMAL			LOT #19407		EXP: 2028-06-30	
COMPONENTE COMPONENT	VALOR TARGET	RANGO RANGE	1 SD	2 SD	UNIDAD UNIT	MÉTODO METHOD
ALP	296	251 - 341	22.5	45	U/L	Diethanolamine buffer DEA, 37°C Diethanolamine buffer DEA, 30°C Diethanolamine buffer DEA, 25°C
	231	196 - 266	17.6	35.2		
	190	161 - 219	14.4	28.8		
ALT/GPT	44.3	35.4 - 53.2	4.43	8.86	U/L	Tris no P5P IFCC/IFCC, 37°C Tris no P5P IFCC/IFCC, 30°C Tris no P5P IFCC/IFCC, 25°C
	32.8	26.2 - 39.3	3.28	6.56		
	25	20 - 30	2.5	5		
AST/GOT	39.3	31.3 - 47.3	4.01	8.02	U/L	Tris no P5P IFCC/IFCC, 37°C Tris no P5P IFCC/IFCC, 30°C Tris no P5P IFCC/IFCC, 25°C
	26.7	21.3 - 32.2	2.73	5.46		
	18.9	15 - 22.7	1.92	3.84		
Albumin Albumina	4.21	3.57 - 4.85	0.32	0.64	g/dL	Bromocresol green
	42.1	35.6 - 48.6	3.24	6.48	g/L	
Amylase Amilasa	95	80.4 - 110	7.31	14.6	U/L	Total. T. Liquid stable pNPG 37°C
Bilirubin Direct Bilirubina Directa	1.84	1.44 - 2.24	0.2	0.4	mg/dL	DPD
	31.5	24.7 - 38.2	3.37	6.74	µmol/L	
	0.79	0.63 - 0.95	0.08	0.16	mg/dL	
	13.5	10.7 - 16.3	1.39	2.78	µmol/L	
	0.97	0.77 - 1.17	0.1	0.2	mg/dL	Without sample blank Modified J&G
	16.6	13.2 - 20	1.71	3.42	µmol/L	
Bilirubin Total Bilirubina Total	1.84	1.48 - 2.2	0.18	0.36	mg/dL	DPD
	31.5	25.2 - 37.8	3.15	6.3	µmol/L	
	2.08	1.64 - 2.52	0.22	0.44	mg/dL	
	35.6	27.9 - 43.2	3.81	7.62	µmol/L	
	2.29	1.79 - 2.79	0.25	0.5	mg/dL	Without sample blank Modified J&G
	39.2	30.8 - 47.5	4.19	8.38	µmol/L	
CK Total	200	164 - 236	18	36	U/L	CK-NAC substrate start (DGKC), 37°C CK-NAC substrate start (DGKC), 30°C CK-NAC substrate start (DGKC), 25°C
	125	103 - 147	11.2	22.4		
	85.4	70 - 101	7.69	15.4		
Calcium Calcio	8.58	7.72 - 9.44	0.43	0.86	mg/dL	Arsenazo III
	2.14	1.93 - 2.37	0.11	0.22	mmol/L	
	8.2	7.38 - 9.02	0.41	0.82	mg/dL	
	2.05	1.85 - 2.25	0.1	0.2	mmol/L	
Chloride Cloruro	90.3	83.1 - 97.5	3.61	7.22	mmol/L	Colorimetric
Cholesterol Colesterol	145	126 - 164	9.43	18.9	mg/dL	Cholesterol Oxidase
	3.76	3.28 - 4.24	0.24	0.48	mmol/L	
Cholinesterase Colinesterasa	6610	5288 - 7932	661	1322	U/L	Enzymatic butyrylthiocholin
Creatinine Creatinina	1.48	1.18 - 1.78	0.15	0.3	mg/dL	Kinetic colorimetric method / Creatinine Enzymatic
	131	105 - 157	13.1	26.2	µmol/L	