



LEVEL 1 CONTROL SERUM		Seri / Lot No: N111		Ver 1e							
ARCON N - 5 mL Exp. Date: 17.02.2027		Cat. No: A3910									
COMPONENT	METHOD	MEAN VALUE	CONV UNIT	RANGE		SD	MEAN VALUE	SI UNIT	RANGE		SD
				Low	High				Low	High	
Albumin	Bromocresol Green (BCG)	2,00	g/dL	1,60	2,40	0,20			16,0	24,0	2,0
Alkaline Phosphatase (ALP)	p-Nitrophenylph..AMP Buffer(IFCC) (37 °C)	70,0	U/L	56,0	84,0	7,0	1,169	µkat/L	0,935	1,403	0,117
	Diethanolamine buffer DEA (DGKC) (37 °C)	140,0	U/L	112,0	168,0	14,0	2,338	µkat/L	1,870	2,806	0,234
Alanine Aminotransferase (ALT-GPT)	Tris buffer no P5P IFCC/SFBC 37°C	43,0	U/L	34,4	51,6	4,3	0,718	µkat/L	0,574	0,862	0,072
Aspartate Aminotransferase (AST-GOT)	Tris buffer no P5P IFCC/SFBC 37°C	65,0	U/L	52,0	78,0	6,5	1,086	µkat/L	0,868	1,303	0,109
Amylase Total Bilirubin Direct	GNP-G3 (37 °C)	274,0	U/L	219,2	328,8	27,4	4,576	µkat/L	3,661	5,491	0,458
	Jendrassik-Grof, Diazo with Sulphanilic Acid	0,650	mg/dL	0,520	0,780	0,065	11,12	µmol/L	8,89	13,34	1,11
Bilirubin Total	Jendrassik-Grof, Diazo with Sulphanilic Acid	1,100	mg/dL	0,924	1,276	0,088	18,81	µmol/L	15,80	21,82	1,51
Bilirubin Total (Reagent Lot: 200 and later)	Jendrassik-Grof, Diazo with Sulphanilic Acid	0,900	mg/dL	0,756	1,044	0,072	15,39	µmol/L	12,93	17,86	1,23
Calcium	o-Cresophtalein Complexone	8,90	mg/dL	7,74	10,06	0,58	2,221	mmol/L	1,932	2,509	0,144
	Arsenazo III	8,90	mg/dL	7,74	10,06	0,58	2,221	mmol/L	1,932	2,509	0,144
Chloride (Cl)	Enzymatic	87,5	mEq/L	78,8	96,3	4,38	87,5	mmol/L	78,8	96,3	4,38
Cholesterol Total	Cholesterol Esterase/Oxidase (CHOD/PAP)	127,0	mg/dL	106,7	147,3	10,2	3,29	mmol/L	2,76	3,82	0,26
Cholesterol-HDL	Direct Clearance Method	49,6	mg/dL	39,7	59,5	4,96	1,285	mmol/L	1,028	1,542	0,128
Cholesterol-LDL	Direct Method	47,5	mg/dL	38,0	57,0	4,75	1,23	mmol/L	0,98	1,48	0,12
Cholesterol-LDL (Reagent Lot: 046)	Direct Method	59,0	mg/dL	47,2	70,8	5,90	1,53	mmol/L	1,22	1,83	0,15
Copper	DiBrom-PAESA	46,0	µg/dL	36,8	55,2	4,6	7,240	µmol/L	5,792	8,688	0,724
Creatinine	Kinetic, Jaffe, without deproteinization	0,900	mg/dL	0,720	1,080	0,090	0,080	mmol/L	0,064	0,095	0,008
Creatin Kinase (CK,CPK)	CK-NAC substrate start (DGKC) 37°C	160	U/L	128,0	192,0	16,0	2,672	µkat/L	2,138	3,206	0,267
GGT (Gamma Glutamyl Transferase)	Gamma Glut.-3-Carboxy-4-nitroan.(37°C)	58,0	U/L	46,4	69,6	5,80	0,969	µkat/L	0,775	1,162	0,097
	IFCC (37 °C)	58,0	U/L	46,4	69,6	5,80	0,969	µkat/L	0,775	1,162	0,097
Glucose	Glucose Oxidase (GOD/PAP) / Hexok.	114,0	mg/dL	98,0	130,0	7,98	6,327	mmol/L	5,441	7,213	0,443
Iron (Fe)	Ferrozine/ferene/Ascorbate	76,0	µg/dL	60,8	91,2	7,6	13,612	µmol/L	10,889	16,334	1,361
	DGKC, Pyruvate → Lactate (37 °C)	246,0	U/L	196,8	295,2	24,6	4,108	µkat/L	3,287	4,930	0,411
Lactate Dehydrogenase (LDH)	IFCC, Lactate → Pyruvate (37 °C)	123,0	U/L	98,4	147,6	12,3	2,054	µkat/L	1,643	2,465	0,205
	Colorimetric (37 °C)	42,5	U/L	29,8	55,3	6,4	0,710	µkat/L	0,497	0,923	0,106
Lipase	Colorimetric (37 °C)		U/L	35,7							
Lipase (Reagent Lot: 008)	Colorimetric (37 °C)	51,0	mg/dL	0,96	66,3	7,7	0,852	µkat/L	0,596	1,107	0,128
Magnesium	Xylidyl Blue	1,20	mg/dL	2,96	1,44	0,12	0,494	mmol/L	0,395	0,592	0,049
Phosphorus (Inorganic)	Phosphomolybdate UV	3,70	mEq/L	3,53	4,44	0,37	1,194	mmol/L	0,955	1,432	0,119
Potassium (K)	Enzymatic	3,92	g/dL	2,9	4,31	0,20	3,92	mmol/L	3,53	4,31	0,20
Protein Total	Biuret Reaction (END-POINT)	3,4	mEq/L	114	3,9	0,3	34	g/L	29	39	3
Sodium (Na)	Enzymatic	127	µg/dL	208,8	140	6	127	mmol/L	114	140	6
TIBC	Direct with ferrozine	261,0	mg/dL	73,9	313,2	26,10	46,75	µmol/L	37,40	56,09	4,67
Triglycerides	GPO-PAP	88,0	µg/dL	138,8	102,1	7,0	0,994	mmol/L	0,835	1,154	0,080
UIBC	Direct with ferrozine	185,0	mg/dL	23,6	231,3	23,1	33,134	µmol/L	24,850	41,417	4,142
Urea	Kinetic Urease UV	29,5	mg/dL	2,88	35,4	2,95	4,912	mmol/L	3,929	5,894	0,491
Uric Acid	Enzymatic Colorimetric Test TOOS	3,60			4,32	0,36	0,214	mmol/L	0,171	0,257	0,021

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