



ALTA DIAGNOSTICS, INC.

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LIQUID HUMAN SPINAL FLUID CONTROL

LEVEL 1 LOT#030311 LEVEL 2 LOT#030312 EXPIRATION DATE 02/16
 18 MONTH OPEN VIAL STABILITY

CSF

		INSTRUMENTS												
		You may enter the mean and range values ↓												
		TARGET VALUES		BECKMAN		DIMENSION		HITACHI		VITROS				
		LEVEL 1	LEVEL 2	LEVEL 1	LEVEL 2	LEVEL 1	LEVEL 2	LEVEL 1	LEVEL 2	LEVEL 1	LEVEL 2	LEVEL 1	LEVEL 2	
ANALYTES	Tot-Protein	MG/DL	25	70	28 ± 12	77 ± 14	27 ± 11	75 ± 14	28 ± 12	76 ± 14				
	Glucose	MG/DL	65	125	54 ± 11	112 ± 17	53 ± 11	110 ± 17	54 ± 11	112 ± 17				
	Chloride	MEQ/L	135	180	120 ± 18	155 ± 20	119 ± 19	150 ± 17	116 ± 15	147 ± 18				
	Sodium	MEQ/L	155	185	133 ± 17	173 ± 22	133 ± 16	172 ± 20	136 ± 15	170 ± 22				
	Potassium	MEQ/L	3	6	3.0 ± 1.3	6.0 ± 1.5	3.0 ± 1.2	6.1 ± 1.5	3.1 ± 1.3	6.1 ± 1.4				
	Lactic Acid	MMO/L	1.8	6.5	2.0 ± 1.1	5.6 ± 2.6	1.9 ± 1.1	5.7 ± 2.6						
	LDH	IU/L	20	45	14 ± 7	39 ± 15	17 ± 8	39 ± 15						

ELECTROPHORESIS	ANALYTE	UNITS	LEVEL 1	LEVEL 2
	Total Protein	MG/DL	26	70
	Prealbumin	% T-Protein	0.6	0.7
	Albumin	% T-Protein	54	60
	Alpha 1 Globulin	% T-Protein	5	5.6
	Alpha 2 Globulin	% T-Protein	11.5	12.6
	Beta Globulin	% T-Protein	9.1	9
	Gamma Globulin	% T-Protein	31.1	12.9

*The range of Vitros values run with the same generation lot number will be about ± 10% less. However, a different generation lot number may show a mean shift greater than 10%.

**LDH values obtained by Dimension showed wide variation and gave erratic results especially at lower concentration of LDH in Level 1.

ANALYTE	LEVEL 1	LEVEL 2
ALBUMIN	26 ± 6	44 ± 6
IGA		
IGG	3.3 ± 2	8.6 ± 4
IGM		

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