



ALTA DIAGNOSTICS, INC.

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LIQUID HUMAN SPINAL FLUID CONTROL

LEVEL 1 LOT#102711 LEVEL 2 LOT#102712 EXPIRATION DATE: April 2010
 18 MONTH OPEN VIAL STABILITY

CSF

		INSTRUMENTS										You may enter the mean and range values for your instrument in these last columns. ↓ ↓		
		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	44 ± 5	73 ± 8	45 ± 5	76 ± 8	43 ± 6	74 ± 10	69 ± 10	110 ± 15		
	Glucose	MG/DL	65	125	56 ± 7	115 ± 15	55 ± 6	109 ± 15	57 ± 6	122 ± 15	59 ± 8	115 ± 15		
	Chloride	MEQ/L	135	180	135 ± 15	170 ± 18	141 ± 15	170 ± 18	145 ± 15	170 ± 18				
	Sodium	MEQ/L	155	185	155 ± 15	185 ± 19	152 ± 15	184 ± 18	153 ± 15	181 ± 18				
	Potassium	MEQ/L	3	6	3.0 ± 0.5	6.3 ± 0.6	3.1 ± 0.5	6.2 ± 0.6	3.2 ± 0.5	6.1 ± 0.6				
	Lactic Acid	MMOL	1.8	6.5	2.0 ± 0.5	7.1 ± 1.0	2.0 ± 0.5	7.0 ± 1.0						
	LDH	IU/L	20	45	15 ± 5	33 ± 6	17 ± 5	32 ± 6						

ELECTROPHORESIS	ANALYTE	UNITS	LEVEL 1	LEVEL 2
	Total Protein	MG/DL	42	74
	Prealbumin	% T-Protein	0.8	0.5
	Albumin	% T-Protein	58	61
	Alpha 1 Globulin	% T-Protein	5.3	5.7
	Alpha 2 Globulin	% T-Protein	12.2	12.1
	Beta Globulin	% T-Protein	9.4	9.5
	Gamma Globulin	% T-Protein	13.1	12.8

*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	22 ± 7 mg/dl	49 ± 9 mg/dl
IGA		
IGG		
IGM		

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