



ALTA DIAGNOSTICS, INC.

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LIQUID HUMAN SPINAL FLUID CONTROL

LEVEL 1 LOT#352811A LEVEL 2 LOT#352812A EXPIRATION DATE: **DECEMBER 2011**
 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	40 ± 7	75 ± 12	45 ± 6	75 ± 9	34 ± 7	75 ± 10	68 ± 10	109 ± 15		
	Glucose	MG/DL	65	125	55 ± 7	115 ± 15	55 ± 7	116 ± 15	57 ± 12	114 ± 15	57 ± 8	114 ± 15		
	Chloride	MEQ/L	135	180	136 ± 15	170 ± 18	139 ± 17	173 ± 16	137 ± 16	174 ± 17				
	Sodium	MEQ/L	155	185	152 ± 15	184 ± 18	151 ± 15	184 ± 18	155 ± 14	182 ± 18				
	Potassium	MEQ/L	3	6	3.0 ± 0.5	6.2 ± 0.6	3.1 ± 0.6	6.1 ± 1.0	3.2 ± 0.5	6.3 ± 0.6				
	Lactic Acid	MMO/L	1.8	6.5	2.0 ± 0.5	7.2 ± 1.0	2.1 ± 1.1	7.5 ± 1.0						
	LDH	IU/L	20	45	15 ± 5	30 ± 6	11 ± 5	31 ± 9						

ELECTROPHORESIS	ANALYTE	UNITS	LEVEL 1	LEVEL 2
	Total Protein	MG/DL	34	73
	Prealbumin	% T-Protein	0.7	0.7
	Albumin	% T-Protein	57	61
	Alpha 1 Globulin	% T-Protein	5.6	5.7
	Alpha 2 Globulin	% T-Protein	12.4	12.2
	Beta Globulin	% T-Protein	9.3	9.7
	Gamma Globulin	% T-Protein	12.9	13.0

*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	19 ± 7	46 ± 8
IGA		
IGG	4.8 ± 2	12 ± 5
IGM		

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