



ALTA DIAGNOSTICS, INC.

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LIQUID HUMAN SPINAL FLUID CONTROL

LEVEL 1 LOT#261911 LEVEL 2 LOT#261912 EXPIRATION DATE: **DECEMBER 2011**
 18 MONTH OPEN VIAL STABILITY

CSF

		INSTRUMENTS												
		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	32 ± 7	72 ± 12	32 ± 7	72 ± 9	33 ± 7	72 ± 10				
	Glucose	MG/DL	65	125	50 ± 7	110 ± 15	50 ± 7	110 ± 15	51 ± 12	110 ± 15				
	Chloride	MEQ/L	135	180	141 ± 15	181 ± 18	141 ± 17	181 ± 16	141 ± 16	181 ± 17				
	Sodium	MEQ/L	155	185	152 ± 15	184 ± 18	152 ± 15	184 ± 18	152 ± 14	184 ± 18				
	Potassium	MEQ/L	3	6	3.1 ± 0.5	6.2 ± 0.6	3.1 ± 0.6	6.2 ± 1.0	3.2 ± 0.5	6.3 ± 0.6				
	Lactic Acid	MMO/L	1.8	6.5	2.1 ± 0.5	7.4 ± 1.0	2.1 ± 1.1	7.4 ± 1.0						
	LDH	IU/L	20	45	11 ± 5	25 ± 6	11 ± 5	25 ± 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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