



ALTA DIAGNOSTICS, INC.

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LIQUID HUMAN SPINAL FLUID CONTROL

LEVEL 1 LOT#286611b LEVEL 2 LOT#286612b EXPIRATION DATE 10/20
 18 MONTH OPEN VIAL STABILITY

CSF

		INSTRUMENTS <small>You may enter the mean and range values</small>											
		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					27 ± 13	70 ± 15			
	Glucose	MG/DL	65	125			60 ± 12	120 ± 18	58 ± 11	118 ± 15			
	Chloride	MEQ/L	135	180			139 ± 19	180 ± 21	142 ± 20	170 ± 20			
	Sodium	MEQ/L	155	185			131 ± 16	174 ± 20	132 ± 15	175 ± 21			
	Potassium	MEQ/L	3	6			3.1 ± 1.3	6.3 ± 1.5	3.3 ± 1.4	6.4 ± 1.5			
	Lactic Acid	MMO/L	1.8	6.5			1.9 ± .7	6.3 ± 1.9					
	LDH	IU/L	20	45			13 ± 7	65 ± 16					

ELECTROPHORESIS	ANALYTE	UNITS	LEVEL 1	LEVEL 2
	Total Protein	MG/DL		
	Prealbumin	% T-Protein		
	Albumin	% T-Protein		
	Alpha 1 Globulin	% T-Protein		
	Alpha 2 Globulin	% T-Protein		
	Beta Globulin	% T-Protein		
	Gamma Globulin	% T-Protein		

*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	49 ± 6
IGA		
IGG	8 ± 3	23 ± 6
IGM		

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