

Cerebrospinal Fluid Proteins and Biochemistry

Accreditation Status:	UKAS Schedule of Accreditation		
Date Scheme started:	2000		
Clinical Applicability:	Assessment of neurological disease		
Analytes:	CSF Total protein, albumin, IgG, glucose and lactate (SER/041)		
Units for Reporting:	Total protein g/L, Albumin and IgG mg/L, Glucose and Lactate mmol/L in relation to the relevant International Standards		
Samples Distributed:	Liquid format. Normal or pathological CSF will be distributed whenever sufficient volumes can be obtained. The majority of samples will, however, be of an artificial matrix developed for use in the programme		
Number of Distributions per year:	6		
Number of Samples per Distribution:	2		
Frequency of Distributions:	Every two months as outlined in the Distribution Schedule		
Schedule of Analysis:	Data entry is via the web for the submission of results. Data analysis is commenced 21 days after sample dispatch. Late returns are accepted and will contribute to the laboratory's cumulative performance statistics		
Data Analysis:	All Laboratory Trimmed Mean (ALTM) with truncation at 2SD, SD, and CV%. Reports also show method and manufacturer specific statistics		
	Chosen Coefficient of Variation:	Total protein	8%
		Albumin	9%
		IgG	6.5%
		Lactate	6%
		Glucose	4%
Performance Scoring:	MRVIS		
Criteria of Performance:	Laboratory performance for the quantitative biochemistry element is classified in terms of the MRVIS over a running analytical window of 6 Distributions (12 months)		
	Ideal	MRVIS	<50
	Good		50 - 100
	Adequate		101 - 200
	Poor		>200 or SDBIS >200
Persistent Poor Performance:	Defined as being in the Poor Performance category for two or more successive Distributions		