

CSF β 2 Transferrin and β Trace Protein

Accreditation Status:	UKAS Schedule of Accreditation								
Date Scheme started:	2011								
Clinical Applicability:	The diagnosis of cerebrospinal fluid (CSF) rhinorrhea or otorrhea (leakage of CSF into the nose or ear canal, usually as a result of head trauma, tumour, congenital malformation, or surgery) is often difficult to confirm. CSF B2 Transferrin testing is used to determine the presence or absence of CSF (in serum) in such cases. Beta 2 Transferrin is only found in CSF, ocular fluids and perilymph, therefore it can be used as a marker to determine the presence of CSF in various secretions (typically from the nose and ear)								
Analytes:	CSF β 2 Transferrin, β Trace Protein								
Units for Reporting:	Qualitative: Positive /Negative Quantitative: mg/L								
Samples Distributed:	Normal and pathological human serum. Serum based or CSF samples								
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 28 days after sample dispatch. Late returns are accepted and will contribute to the laboratory's cumulative performance statistics								
Data Analysis:	Qualitative responses are assessed by MI scoring in relation to the designated response								
Performance Scoring:	MI scoring								
Criteria of Performance:	Laboratory performance is assessed over a running analytical window of 6 Distributions (12 months) The categories of performance are: <table> <thead> <tr> <th></th> <th><u>Total MIS</u></th> </tr> </thead> <tbody> <tr> <td>Good</td> <td>zero</td> </tr> <tr> <td>Adequate</td> <td>1</td> </tr> <tr> <td>Poor</td> <td>>1</td> </tr> </tbody> </table>		<u>Total MIS</u>	Good	zero	Adequate	1	Poor	>1
	<u>Total MIS</u>								
Good	zero								
Adequate	1								
Poor	>1								
Persistent Poor Performance:	Defined as being in the Poor Performance category for two or more successive Distributions								