Orderable - CSFCH

**Turn Around Time:** 4 hours  
**STAT:** 1 hour

**Specimen:**

CSF

**Collection Information:**

Not acceptable if collected in anticoagulant.

**Reference Ranges:**

<table>
<thead>
<tr>
<th>Protein</th>
<th>Glucose</th>
</tr>
</thead>
<tbody>
<tr>
<td>200-400 mg/L</td>
<td>2.2-3.9 mmol/L</td>
</tr>
</tbody>
</table>

**Interpretive Comments:**

Used for investigating possible central nervous system (CNS) infection. To detect increased permeability of the blood-brain barrier to plasma proteins. To detect increased intrathecal production of immunoglobulins.

**Comments:**

Simultaneous serum specimen and CSF specimens should be taken. Blood in the CSF specimen invalidates the protein value.

**Storage and Shipment:**

CSF samples are to be sent to laboratory immediately after collection. Keep samples at room temperature. CSF specimens should be processed without delay; they may contain cells and microorganisms that lower the concentration of glucose with time.