**PROTEIN - TOTAL, CSF**

**Orderable - PRCSF**

**Turn Around Time: 4 hours**

**STAT: 1 hour**

**Specimen:**

CSF

**Collection Information:**

Not acceptable if collected in anticoagulant.

**Reference Ranges:**

200-400 mg/L

**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 & Shipment:**

CSF samples are to be sent to laboratory immediately after collection. Keep samples at room temperature.