

PROTEIN
AND
GLUCOSE,
CSF

Orderable - CSFCH

Turn Around Time: 4 hours

STAT: 1 hour

Specimen:

CSF

Collection Information:

Not acceptable if collected in anticoagulant.

Reference Ranges:

Protein	Glucose
200-400 mg/L	2.2-3.9 mmol/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 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.



Laboratory:
Core Lab



Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Protein: Turbidimetric
Glucose: Enzymatic rate



Test Schedule:
As required