
Lab Dept: Other Fluids

Test Name: PROTEIN, CSF

General Information

Lab Order Codes: CTP

Synonyms: Protein Spinal Fluid; CSF Protein

CPT Codes: 84155 – Protein; total, except refractometry

Test Includes: CSF protein in mg/dL

Logistics

Test Indications: Useful for the evaluation of central nervous system disease.

Lab Testing Sections: Chemistry

Phone Numbers: MIN Lab: 612-813-6280
STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 4 hours

Special Instructions: N/A

Specimen

Specimen Type: CSF

Container: Screw capped, sterile vial

Draw Volume: 0.6 mL fluid

Processed Volume: 0.2 mL fluid, spun

Collection: Maintain sterility and forward promptly at ambient temperature only

Special Processing: N/A

Patient Preparation: None

Sample Rejection: Mislabeled or unlabeled specimens; clotted specimens

Interpretive**Reference Range:**

0 – 2 days:	40 - 120 mg/dL
2 days - 1 month:	20 - 80 mg/dL
>1 month:	15 - 40 mg/dL

Critical Values:

>150 mg/dL

Limitations:

Samples containing amakacin, gentamicin, kanamycin, tobramycin, neomycin, or sulfates falsely increase protein results.

Methodology:

Benzethonium chloride

References:

Abbott Alinity Urine/CSF Protein Reagent Instructions for Use, Abbott Laboratories Diagnostics Division, Abbott Park, IL, 60064, USA. March 2018

Abbott Alinity Urine/CSF Protein Calibrator Instructions for Use, Abbott Laboratories Diagnostics Division, Abbott Park, IL, 60064, USA. May 2018

Jacobs & DeMott Laboratory Test Handbook(2001) Lexi-Comp, Inc, Hudson, OH, 5th Edition, 2001

Bio-Rad Liquichek Spinal Fluid Control Product insert, Bio-Rad Laboratories, Irvine, CA 92618

Bio-Rad Liquichek Urine Chemistry Control Product insert, Bio-Rad Laboratories, Irvine, CA 92618

Updates:

2/17/2005: Critical value previously listed as 100 mg/dL

9/17/2014: Updated references

11/24/2020: Updated for method Abbott Alinity, removed method Siemens Vista