
Lab Dept: Other Fluids

Test Name: GLUCOSE, CSF

General Information

Lab Order Codes: CGL

Synonyms: Spinal Fluid Glucose

CPT Codes: 82945 – Glucose, body fluid, other than blood

Test Includes: Fluid glucose in mg/dL

Logistics

Test Indications: Useful in the evaluation of bacterial or viral meningitis when analyzed in conjunction with serum/plasma glucose.

Lab Testing Sections: Chemistry

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 hour

Special Instructions: N/A

Specimen

Specimen Type: CSF

Container: Screw capped, sterile vial

Draw Volume: 0.6 mL CSF

Processed Volume: 0.2 mL CSF, spun

Collection: Routine spinal fluid collection

Special Processing: N/A

Patient Preparation: None

Sample Rejection: Mislabeled or unlabeled specimen

Interpretive

Reference Range: Results should be interpreted with simultaneous blood glucose. Spinal fluid glucose should be approximately 2/3 of blood glucose.

Critical Values: <31 mg/dL

Limitations: N/A

Methodology: Hexokinase Ultraviolet (UV)

References: GLUC Flex® reagent cartridge insert sheet PN 717040.001 Issue Date 2008-02-29 Rev C

Clinical Significance, Dade Behring Inc., Glasgow Business Community, Mailbox 531, P.O. Box 6101, Newark, Delaware 19714

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

Biorad Liquichek Control Product inserts, Bio-Rad Laboratories, Irvine, CA 92618

Updates: 2/17/2005: Critical value previously listed as N/A.
8/29/2005: TAT previously listed as 4 hours.
8/19/2009: TAT previously listed as 2 hours.