
Lab Dept: Other Fluids

Test Name: LACTATE, CSF

General Information

Lab Order Codes: LACU

Synonyms: Lactic Acid, Cerebrospinal Fluid

CPT Codes: 83605 - Lactate

Test Includes: CSF lactic acid in mmol/L

Logistics

Test Indications: Useful for the diagnosis and treatment of lactic acidosis and to evaluate central nervous system disorders.

Lab Testing Sections: Chemistry - Sendouts

Referred to: Mayo Medical Laboratories

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 – 3 days

Special Instructions: N/A

Specimen

Specimen Type: CSF

Container: Screw capped, sterile vial

Draw Volume: 0.5 mL CSF

Processed Volume: Same as Draw Volume

Collection: Routine CSF collection. **Immediately place tube for this testing on ice.** Transport to the laboratory immediately.

Special Processing: Lab Staff: Process specimen immediately. Remove aliquot. Store and ship frozen. Forward promptly. Note: Place order for this test directly in Mayo Access.

Patient Preparation: None

Sample Rejection: Mislabeled or unlabeled specimens

Interpretive

Reference Range: No reference ranges available

Critical Values: N/A

Limitations: N/A

Methodology: Vitros slide method

References: [Mayo Medical Laboratories Web Page](#) July 2012

Updates: 6/16/2004: Test moved from Fairview University Diagnostic Laboratories to Mayo Medical Laboratories. Note: Change in reference range previously ≥ 16 years: 1.1-2.2mmol/L. Change in reference range previously Colorimetric reflectance spectrophotometry (lactate oxidase).