

Overview

Special Instructions

- [Neurochemistry and Metabolic Test Request Form](#)

Method Name

HPLC/Electrochemistry/Fluorescence

NY State Available

Yes

Specimen

Specimen Type

CSF

Shipping Instructions

Ship samples frozen on dry ice

Specimen Required

Medical Neurogenetics collection kit (MCL T657) required.

NOTE:

One set of tubes is required per patient.

Total CSF volume required is 4.5 milliliters

Each collection kit contains 5 micro centrifuge tubes.

Tube #3 contains antioxidants necessary to perform this test.

COLLECTION PROTOCOL:

CSF should be collected from the first drop into the tubes **in the numbered** order.

- 1) Fill each tube to the marked line with the required volumes.

Tube 1: 0.5 mL

Tube 2: 1.0 mL

Tube 3: 1.0 mL (contains antioxidants necessary to protect the sample integrity)

Tube 4: 1.0 mL

Tube 5: 1.0 mL

- If sample's not blood contaminated, the tubes should be placed on dry ice at bedside
- If sample's are blood contaminated, the tubes should immediately be centrifuged (prior to freezing) and the clear CSF transferred to new similarly labeled tubes, then frozen
- Store samples at -80 until they can be shipped

- 2) Complete Medical Neurogenetics, LLC request form.
Include test required, sample date and date of birth.
- 3) Label tubes with patient name and ID number, leaving the tube number viewable.
- 4) Place samples inside a specimen transport bag and the Medical Neurogenetics, LLC request form inside the pouch of the transport bag.
- 5) Ship samples frozen on dry ice.

Reject Due To

Hemolysis	NA
Lipemia	NA
Icterus	NA
Other	Specimens other than CSF in special collection kit (MCL T657)

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
CSF	Frozen		CSF KIT

Clinical & Interpretive

Reference Values

30-80 nmol/L 0 to <3 months
23-65 nmol/L 3 months to <1 years
15-51 nmol/L 1 year to <4 years
10-37 nmol/L 4 years to adult

Performance

PDF Report

No

Day(s) Performed

Monday through Friday

Report Available

10 to 18 days

Performing Laboratory Location

Medical Neurogenetics, LLC

Fees & Codes

Fees

- Authorized users can sign in to [Test Prices](#) for detailed fee information.
- Clients without access to Test Prices can contact [Customer Service](#) 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact [Customer Service](#).

Test Classification

This test was developed and its performance characteristics determined by Medical Neurogenetics, LCC. It has not been cleared or approved by the U.S. FDA.

CPT Code Information

82542

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
FP5PC	Pyridoxal 5-phosphate Conc., CSF	Not Provided

Result ID	Test Result Name	Result LOINC® Value
Z4918	Pyridoxal 5-Phosphate Concentration	Not Provided
Z4919	Interpretation	Not Provided