

## 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 &lt;3 months

23-65 nmol/L 3 months to &lt;1 years

15-51 nmol/L 1 year to &lt;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