

# **Test Definition: FPD5C**

Pyridoxal 5-phosphate (CSF)

### **Overview**

### **Special Instructions**

• Neurochemistry and Metabolic Test Request Form

### **Method Name**

HPLC/Fluorescence

#### NY State Available

Yes

# Specimen

### Specimen Type

**CSF** 

# **Shipping Instructions**

Ship samples frozen on dry ice.

### Specimen Required

Supplies: Medical Neurogenetics CSF Collection Kit (MCL T657) is required.

Container/Tube: 5 Microcentrifuge tubes from the Medical Neurogenetics CSF Collection Kit

**Note:** One set of tubes is required per patient.

Specimen Volume: 4.5 mL total; collected in 5 tubes as described below

## **Collection Instructions:**

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 mL

Tube 3: 1 mL (contains antioxidants necessary to protect the sample integrity)

Tube 4: 1 mL Tube 5: 1 mL

- -If sample is **not** contaminated with blood, the tubes should be placed on dry ice at the bedside.
- -If sample is contaminated with blood, the tubes should immediately be centrifuged (prior to freezing) and the clear CSF transferred to new similarly labeled tubes, then freeze. Store samples at -80 degrees C 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 visible.
- 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.

Specimen Stability Information: Frozen at -80 degrees C, Indefinitely/Frozen at -20 degrees C, 72 hours



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### **Forms**

Complete and submit a Neurochemistry and Metabolic Test Request Form with the specimen.

# **Reject Due To**

| Specimens      | Reject |
|----------------|--------|
| 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**

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

### **Performance**

# **PDF Report**

Referral

# Day(s) Performed

Monday through Friday

# **Report Available**

12 to 18 days

# **Performing Laboratory Location**

Medical Neurogenetics, LLC

### **Fees & Codes**



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## **Fees**

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

### **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**

84207

### **LOINC®** Information

| Test ID | Test Order Name                  | Order LOINC® Value |
|---------|----------------------------------|--------------------|
| FPD5C   | Pyridoxal 5-phosphate Conc., CSF | Not Provided       |

| Result ID | Test Result Name                    | Result LOINC® Value |
|-----------|-------------------------------------|---------------------|
| Z6357     | Pyridoxal 5-Phosphate Concentration | 75056-2             |