



## Pyridoxal 5-phosphate (CSF)

**Test ID:** FP5PC

### **Explanation:**

Effective January 23, 2025. Test ID: FP5PC, performed at Medical Neurogenetics, LLC will be obsolete due to file definition changes.

### **Recommended Alternative Test:**

## Pyridoxal 5-phosphate (CSF)

**Test ID:** FPD5C

### **Methodology:**

HPLC/Fluorescence

### **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

### **Specimen Requirements:**

**Container/Tube:** Medical Neurogenetics collection kit (MCL T657) required.

**Preferred:** CSF

**Collection Instructions:** 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.

### Specimen Stability Information:

Specimen Type	Temperature	Time
CSF	Frozen	

### CPT Code:

84207

### Miscellaneous Referral Test Fee:

\$216.00

### Day(s) Setup:

Monday through Friday

### Analytic Time:

10 to 14 days

### Questions

Contact MCL Referrals Supervisor Amy Bluhm at 800-533-1710.