

Pyridoxal 5-phosphate (CSF)

Explanation: The following new orderable, referred to Medical Neurogenetics, LLC, will be available on January 23, 2025.

Test ID: FPD5C

Methods:

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	

Fee:
\$216.00

CPT Code:
84207

Day(s) Setup:
Monday through Friday

Report Available:
10 to 14 days

Note:
The following referral test code(s) will become obsolete.

Test Name	Test ID	Referral Lab Code	Referral Lab
Pyridoxal 5-phosphate (CSF)	FP5PC	NC05	Medical Neurogenetics, LLC

Questions:

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