

Reporting Title: Pyridoxal 5-phosphate Conc., CSF**Performing Location:** Medical Neurogenetics, LLC**Shipping Instructions:**

Ship samples frozen on dry ice

Specimen Requirements:

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.

Specimen Type	Temperature	Time	Special Container
CSF	Frozen		CSF KIT

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
Z4918	Pyridoxal 5-Phosphate Concentration	Numeric	nmol/L	Not Provided
Z4919	Interpretation	Alphanumeric		Not Provided

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:
No**CPT Code Information:**

82542

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