

Vitamin B6

CPT Code: 84207

Order Code: C2493

ABN Requirement: No

Synonyms: Pyridoxine; Pyridoxal Phosphate

Specimen: Serum

Volume: 1.0 mL

Minimum Volume: 0.5 mL

Container: Red top (no gel barrier) tube

Collection:

Serum:

1. Collect and label sample according to standard protocols.
2. Gently invert tube 5 times immediately after draw. DO NOT SHAKE.
3. Place specimen on ice after draw.
4. Let tube stand in a vertical position to allow blood to clot 30 minutes.
5. Centrifuge for 10 minutes.
6. Aliquot serum into a labeled transport tube and cap tightly.

Special Information: Collect specimen after an overnight fast. Place specimen on ice after draw. Separate serum from cells ASAP and freeze. Protect specimen from light.

Transport: Store aliquoted serum at -20°C after collection and ship the same day per packaging instructions provided with the Cleveland HeartLab shipping box.

- **Please note:** Ship frozen, aliquoted red top serum on dry ice.

Stability:

Ambient (15-25°C): Not Acceptable

Refrigerated (2-8°C): 1 week

Frozen (-20°C): 60 days

Causes for Rejection: Specimens other than serum; improper labeling; samples not stored properly; samples older than stability limits; samples received not

frozen; icteric specimens

Methodology: High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)

Turn Around Time: 3-6 days

Reference Range:

Clinical Information: The biologically active form of vitamin B, pyridoxal 5-phosphate, is measured in this assay. This assay does not distinguish between pyridoxine, pyridoxamine, and pyridoxal forms of the vitamin, and does not detect pyridoxic acid. Pyridoxal 5-phosphate measured in a specimen collected following an 8-hour or overnight fast accurately indicates vitamin B6 nutritional status. Non-fasting specimen concentration reflects recent vitamin intake.

The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.