



Test Definition: B6PRO

Vitamin B6 Profile (Pyridoxal 5-Phosphate and Pyridoxic Acid), Plasma

Reporting Title: Vitamin B6 Profile (PLP and PA), P

Performing Location: Mayo Clinic Laboratories - Rochester Superior Drive

Shipping Instructions:

[Ship specimen in amber vial to protect from light.](#)

Specimen Requirements:

Patient Preparation:

- Fasting: 12 hours, required;** Infants should have specimen collected before next feeding, water may be taken as needed
- For 24 hours before specimen collection, **patient must not take multivitamins or vitamin supplements.**

Supplies: Amber Frosted Tube, 5 mL (T915)

Collection Container/Tube:

Preferred: Green top (sodium or lithium heparin) or plasma gel separator (PST)

Acceptable: None

Submission Container/Tube: Amber vial

Specimen Volume: 1 mL

Collection Instructions:

- Within 2 hours of collection, centrifuge at 4 degrees C and aliquot into an amber vial.
- Freeze immediately.

Forms:

Specimen Type	Temperature	Time	Special Container
Plasma Heparin	Frozen	29 days	LIGHT PROTECTED

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
61065	Pyridoxic Acid (PA), P	Numeric	mcg/L	1688-1
4047	Pyridoxal 5-Phosphate (PLP), P	Numeric	mcg/L	30552-4

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

Components:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
PLP	Pyridoxal 5-Phosphate (PLP), P	1	84207	Yes	Yes
B6PA	Pyridoxic Acid (PA), P	1	82542	Yes	No

CPT Code Information:

82542

84207

Reference Values:

PYRIDOXAL 5-PHOSPHATE

5-50 mcg/L

PYRIDOXIC ACID

3-30 mcg/L