

**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:**

- 1. Fasting: 12 hours, required;** Infants should have specimen collected before next feeding, water may be taken as needed
- 2. 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:**

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