

TEST CHANGE

Vitamin B[6] (Pyridoxal 5-Phosphate)

0080111, VIT B6

Specimen Requirements:

Patient Preparation: Collect specimen after an overnight fast.

Collect: Green (Sodium or Lithium Heparin), Lavender (EDTA), Pink (K2 EDTA), Plasma Separator Tube (PST), Serum Separator Tube (SST), or Plain Red.

Specimen Preparation: Separate plasma or serum from cells, protect from light and transfer 1 mL plasma or serum to an ARUP Amber Transport Tube within 1 hour of collection. (Min: 0.5 mL) Separate light-protected specimens must be submitted when multiple tests are ordered.

Transport Temperature: Frozen.

Unacceptable Conditions: Whole blood. Specimens not protected from light. Icteric specimens.

Remarks:

Stability: After separation from cells: Ambient: **3 Hours Unacceptable**; Refrigerated: 1 week; Frozen: 2 months

Methodology: Quantitative **High Performance** Liquid Chromatography-Tandem Mass Spectrometry

Performed: Sun-Sat

Reported: 1-**5**4 days

Note: This test measures pyridoxal 5-phosphate, the biologically active form of vitamin B6.

CPT Codes: 84207

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

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.

This test was developed and its performance characteristics determined by ARUP Laboratories. It

has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

Reference Interval:

20-125 nmol/L
