

<b>Name</b> :	<b>Dummy</b>	<b>Collected</b> :	<b>1/3/2022 2:39:00PM</b>
<b>Lab No.</b> :	<b>LPL21005</b>	<b>Received</b> :	<b>1/3/2022 4:25:49PM</b>
<b>Age:</b>	<b>25 Years</b>	<b>Reported</b> :	<b>1/3/2022 5:00:22PM</b>
<b>Gender:</b>	<b>Female</b>	<b>Report Status</b> :	
<b>A/c Status</b> :	<b>P</b>	<b>Ref By :</b>	<b>SELF</b>

Test Name	Results	Units	Bio. Ref. Interval
<b>VITAMIN B6; PYRIDOXAL 5'-PHOSPHATE (PLP)</b> (LC-MS/MS)	<b>4.00</b>	µg/L	12.60 - 45.20

#### Comment

Pyridoxal 5'Phosphate (PLP) is the most clinically significant coenzyme form of vitamin B6. PLP serves as a coenzyme for more than 100 enzymes that catalyze key steps in the metabolism of amino acids, neurotransmitters, nucleic acids, heme, and lipids. Vitamin B6 plays an important role in cognitive development through the biosynthesis of neurotransmitters, in maintaining normal levels of homocysteine and hemoglobin formation. Vitamin B6 is found in a wide variety of foods. The richest sources of vitamin B6 include fish, beef liver and other organ meats, potatoes and other starchy vegetables, and fruits (other than citrus).

Vitamin B6 deficiency is associated with microcytic anaemia, electroencephalographic abnormalities, dermatitis with cheilosis (scaling on the lips and cracks at the corners of the mouth) and glossitis (swollen tongue), depression and confusion, and weakened immune function. Individuals with borderline vitamin B6 concentrations or mild deficiency might have no deficiency signs or symptoms for months or even years but it becomes more obvious as the deficiency progresses.

#### Groups at Risk of Vitamin B6 Deficiency are individuals with:

- Impaired Renal Function
- Autoimmune Disorders
- Alcohol Dependence
- Malabsorption syndromes, such as celiac disease, Crohn's disease, and ulcerative colitis

Markedly elevated PLP in conjunction with low levels of pyridoxic acid are observed in cases of hypophosphatasia, a disorder characterized by low levels of alkaline phosphatase and a range of skeletal abnormalities.

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LPL - PRODUCTION TEST COLLECTION  
CENTRE  
SECTOR - 18, BLOCK-E ROHINI  
DELHI 110085

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Lab No.	:	LPL21005	Age: 25 Years	Gender: Female	Received : 1/3/2022 4:25:49PM
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				Report Status	:

Test Name	Results	Units	Bio. Ref. Interval
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Result/s to follow:

VITAMIN B6; PYRIDOXAL 5'-PHOSPHATE (PLP)

**IMPORTANT INSTRUCTIONS**

•Test results released pertain to the specimen submitted. •All test results are dependent on the quality of the sample received by the Laboratory.  
•Laboratory investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the Referring Physician. •Sample repeats are accepted on request of Referring Physician within 7 days post reporting. •Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted. •Certain tests may require further testing at additional cost for derivation of exact value. Kindly submit request within 72 hours post reporting. •Test results may show interlaboratory variations. •The Courts/Forum at Delhi shall have exclusive jurisdiction in all disputes/claims concerning the test(s) & or results of test(s). •Test results are not valid for medico legal purposes.  
•Contact customer care Tel No. +91-11-39885050 for all queries related to test results.  
(#) Sample drawn from outside source.

