

Name : Dummy **Age** : 25 Years
Lab No. : R176001 **Gender** : Female
Ref By : SELF **Reported** : 23/4/2022 9:24:12AM
Collected : 23/4/2022 12:33:00PM **Report Status** :
A/c Status : P
Collected at : PRODUCTION TEST COLLECTION CENTRE **Processed at** : LPL-NATIONAL REFERENCE LAB
PTC , SECTOR - 18, BLOCK-E ROHINI **BLOCK -E, SECTOR -18ROHINI**
DELHI 110085 **NEW DELHI110 085**

Diagnostics Report

Test Name	Results	Units	Bio. Ref. Interval
VITAMIN B1 (THIAMINE PYROPHOSPHATE), BLOOD (LC-MS/MS)			
Vitamin B1 (Thiamine Pyrophosphate)	15.00	µg/L	31.30 - 60.70

Comment

Vitamin B1 (Thiamine) is an essential vitamin required for carbohydrate metabolism. It is converted in the intestine to thiamine pyrophosphate (TPP) which is the active form of Vitamin B1.

Major dietary sources of thiamine are whole grains, lentils, pork, red meat, peas, legumes etc. Thiamine deficiency is usually associated with deficiency of other vitamins as well. The high risk factors for thiamine deficiency include old age, long term parenteral nutrition, hemodialysis, and malabsorption or alcohol abuse. Patients with subclinical and latent thiamine deficiency usually present with non-specific symptoms such as poor sleep, weight loss, malaise, irritability etc. Severe deficiency causes congestive heart failure (wet beriberi), peripheral neuropathy (dry beriberi), Wernicke encephalopathy (a medical emergency that can progress to coma and death), and Korsakoff syndrome (an often irreversible memory loss and dementia that can follow).

Thiamine deficiency is a treatable, yet underdiagnosed disorder. This test can be used to diagnose or screen patients, especially the high risk individuals with Vitamin B1 deficiency and to monitor the efficacy of treatment.

Result/s to follow:

VITAMIN B1 (THIAMINE PYROPHOSPHATE), BLOOD



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IMPORTANT INSTRUCTIONS			
<p>•Test results released pertain to the specimen submitted. •All test results are dependent on the quality of the sample received by the Laboratory .</p> <p>•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.</p> <p>•Contact customer care Tel No. +91-11-39885050 for all queries related to test results.</p> <p>(#) Sample drawn from outside source.</p>			

