

Referrer **Dr Hannah G Royster**

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Lab ID **684119960**

DOB **18/04/1962 (62 Yrs MALE)**

Your ref. 17083

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Copy to

Requested 14/10/2024

Clinical Notes Fatigue in 62 yo M with syncopal episode and muscle weakness  
for 12 months, muscle symptoms, vegetarian,. Fasting.

Collected 15/10/2024 07:18

Received 15/10/2024 07:20

## Vitamin B1/B2/B6

Test Name	Result	Units	Reference Interval	Comment
Vitamin B6 (P5P)	83	nmol/L	20 - 190	

## Comments

The B vitamins, vitamin B1(thiamine diphosphate or TDP), B2 (flavin adenine dinucleotide or FAD), and B6 (pyridoxal-5-phosphate or P5P), are measured and reported in their physiologically active forms in whole blood. Their absolute whole blood levels are more specific, and they rise and fall more rapidly than the indirect functional levels measured by enzymatic activity. Hence, blood samples should be collected fasting and prior to any supplementation. As the distribution of the vitamins is shared between the blood cells and the plasma, vitamin B levels may appear artefactually low in anaemic patients with low haematocrit.

To convert this Vitamin B6 result to mass units: nmol/L x 0.247 = mg/L

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