

## Vitamin B6 (pyridoxal-5'- phosphate)

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| <b>Description</b>           | Vitamin B6 is a water-soluble vitamin and is part of the vitamin B complex group. Pyridoxal phosphate is the active form and is a cofactor in many reactions of amino acid metabolism, including transamination, deamination, and decarboxylation. It is also necessary for the enzymatic reaction governing the release of glucose from glycogen. Pyridoxal-5'-phosphate (PLP), has been found suitable for the assessment of vitamin B6 status. |
| <b>Indication</b>            | Deficiency suspected  |
| <b>Additional Info</b>       | Referred to external laboratory<br>Lithium heparin plasma or serum is acceptable. Samples are stable for 48hrs at room temperature, 7 days at 4°C or at -20°C for up to 6 months  |
| <b>Concurrent Tests</b>      | N/A   |
| <b>Dietary Requirements</b>  | N/A   |
| <b>Interpretation</b>        | See reference range provided by external referral laboratory  |
| <b>Collection Conditions</b> | N/A   |
| <b>Frequency of testing</b>  | N/A   |