

Patient Name : Demo Patient Name
Age / Sex : 75 Y / F
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 21-Jan-25 15:09
Patient ID : UHID.DEMO.001

Folic Acid - Vitamin B9

Serum Sample

Accession No: DEMO_BARCODE Collected On: 21-Jan-25 15:09 Received On: 21-Jan-25 17:05 Approved On: 21-Jan-25 19:00

Observation	Result	Unit	Biological Ref. Interval	Method
Folate	6.23	ng/mL	2.76 - 20.0	CLIA

Reference Range:

Deficient : 0.35-3.37

Border line: 3.38-5.38

Normal : > 5.38 ng/mL

Sample Type: Serum

Technology: VITROS MicroWell, MicroSensor and Intellicheck Technology

Analyzer: Fully Automated Integrated ImmunoAssay Analyzer: VITROS ECI

Clinical Significance: Folic acid, also known as folates, are class of vitamin compounds, essential for nucleic acid and mitochondrial protein synthesis, amino acid metabolism and aids in rapid cell division and growth. Deficiency seen in pregnancy, low dietary intake, macrocytic and megaloblastic anaemia, drugs (phenytoin, methotrexate, sulphasalazine, triamterene, pyremethamine, trimethoprim-sulphamethoxazole, barbiturates and oral contraceptives), chronic alcoholism, Crohn's disease, Celiac disease, malabsorption syndromes, ileo-jejunal surgeries. Deficiency is also associated with neural tube defects in developing embryo. Low serum folate levels reflect the first stage of negative folate balance. Low RBC folate reflects second stage of negative folate balance and more closely correlates with tissue levels and megaloblastic anaemia



This is a Demo Signature
and the doctor's signature should appear here

In case of any unexpected or alarming results, please contact us immediately for re-confirmation, clarifications, and rectifications, if needed.

