



Labsmart Software

Sample Letterhead

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yourlabname@gmail.com

<https://www.yourlabname.in/>**Mr. Dummy**

Age / Sex : 28 YRS / M
Referred by : Dr. Sachin Patil (MBBS)
Reg. no. : 1109



1109

Registered on : 20/11/2024 04:05 PM
Collected on : 20/11/2024
Received on : 20/11/2024
Reported on : 20/11/2024 04:05 PM

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**ENDOCRINOLOGY**

TEST	VALUE	UNIT	REFERENCE
FOLIC ACID	1	ng/mL	

Note

1. Drugs like Methotrexate and Leucovorin can affect folate test results.
2. To tell apart vitamin B12 deficiency from folate deficiency, check levels of Methyl malonic acid in urine and Homocysteine in blood.
3. Folic acid has a low risk of toxicity because it's a water-soluble vitamin that's usually excreted in urine.

Comments

Folate is crucial for making DNA components and for red blood cell maturation. It comes mainly from plants and some organ meats, but cooking can destroy over half of it. Folate deficiency is common in people with alcoholic liver disease, pregnant women, and the elderly. It can result from poor absorption, inadequate diet, high demand (like in pregnancy or cancer), or certain drugs such as Methotrexate and anticonvulsants

Interpretation

Decreased Levels: Megaloblastic anemia, Infantile hyperthyroidism, Alcoholism, Malnutrition, Scurvy, Liver disease, B12 deficiency, dietary amino acid excess, adult Celiac disease, Tropical Sprue, Crohn's disease, Hemolytic anemias, Carcinomas, Myelofibrosis, vitamin B6 deficiency, pregnancy, Whipple's disease, extensive intestinal resection and severe exfoliative dermatitis.

~~~ End of report ~~~

Mr. Sachin Sharma  
DMLT, Lab Incharge

Dr. A. K. Asthana  
MBBS, MD Pathologist

NOT VALID FOR MEDICO LEGAL PURPOSE

Work timings: Monday to Sunday, 8 am to 8 pm

Please correlate clinically. Although the test results are checked thoroughly, in case of any unexpected test results which could be due to machine error or typing error or any other reason please contact the lab immediately for a free evaluation.