



Labsmart Software Sample Letterhead

+91 12345 67890

yourlabname@gmail.com

<https://www.yourlabname.in/>**Mr. Saubhik Bhaumik**

Age / Sex : 27 YRS / M
Referred by : Dr. Sachin Patil (MBBS)
Reg. no. : 1044



Registered on : 08/11/2024 12:45 PM
Collected on : 08/11/2024
Received on : 08/11/2024
Reported on : 08/11/2024 12:46 PM

Scan to download

**BIOCHEMISTRY**

TEST	VALUE	UNIT	REFERENCE
TRIGLYCERIDES	170	mg/dl	25 - 200

Physiological basis

Dietary fat is hydrolyzed in the small intestine, absorbed and resynthesized by mucosal cells, and secreted into lacteals as chylomicrons.

Triglycerides in the chylomicrons are cleared from the blood by tissue lipoprotein lipase. Endogenous triglyceride production occurs in the liver. These triglycerides are transported in association with β -lipoproteins in very low-density lipoproteins (VLDL).

Interpretation

Increased in: Hypothyroidism, diabetes mellitus, nephrotic syndrome, chronic alcoholism (fatty liver), biliary tract obstruction, stress, familial lipoprotein lipase deficiency, familial dysbetalipoproteinemia, familial combined hyperlipidemia, obesity, metabolic syndrome, viral hepatitis, cirrhosis, pancreatitis, chronic renal failure, gout, pregnancy, glycogen storage diseases types I, III, and VI, anorexia nervosa, dietary excess.

Drugs: β -blockers, cholestyramine, corticosteroids, diazepam, diuretics, estrogens, oral contraceptives.

Decreased in: Tangier disease (α -lipoprotein deficiency), hypo- and abetalipoproteinemia, malnutrition, malabsorption, parenchymal liver disease, hyperthyroidism, intestinal lymphangiectasia.

Drugs: ascorbic acid, clofibrate, nicotinic acid, gemfibrozil.

Comments

If the serum is clear, the serum triglyceride level is generally <350 mg/dL.

Elevated triglycerides are now considered an independent risk factor for coronary artery disease and a major risk factor for acute pancreatitis, particularly when serum triglyceride levels are > 1000 mg/dL and can be seen when a primary lipid disorder that is exacerbated by alcohol or fat intake or by corticosteroid or estrogen therapy.

~~~ 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.