



Labsmart Software

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

Age / Sex : 27 YRS / M
Referred by : Dr. Sachin Patil (MBBS)
Reg. no. : 1059



1059

Registered on : 11/11/2024 04:43 PM
Collected on : 11/11/2024
Received on : 11/11/2024
Reported on : 11/11/2024 04:43 PM

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**BIOCHEMISTRY**

TEST	VALUE	UNIT	REFERENCE
GAMMA GLUTAMYL TRANSFERASE, GGT	48	IU/L	9 - 52

Interpretation

Synthesis of GGT is stimulated by many drugs e.g., phenytoin, phenobarbitone, primidone, alcohol and possibly some antidepressants. GGT is a sensitive test for excess alcohol intake but is not specific.

Abnormal test results

1. Raised GGT and raised mean corpuscular volume (MCV) suggest alcohol abuse.
2. Raised GGT, history of excessive alcohol intake, raised ALT and raised MCV suggest liver cell damage.
3. Very high GGT (10 times normal upper limit) occurs in biliary obstruction and hepatic malignancies.
4. Raised GGT and raised ALP (more than three times upper limit of normal) suggest cholestasis.
5. Raised GGT may be due to non-specific causes e.g., MI, cerebrovascular accident, diabetes mellitus, pancreatic disease, renal failure and chronic lung disease.
6. LFTs (transaminase and GGT) are also affected by lack of exercise, obesity and smoking, as well as excess alcohol intake. Elevated results may, therefore, occur if several of these factors coexist, even if alcohol intake is not excessive.
7. The effect of alcohol on GGT is complex. About 50% of people who drink alcohol to excess on a regular basis will have biochemical abnormalities, while the other 50% will not.

~~~ 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.