



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. : 1039



1039

Registered on : 07/11/2024 05:12 PM

Collected on : 07/11/2024

Received on : 07/11/2024

Reported on : 07/11/2024 05:12 PM

Scan to download

**BIOCHEMISTRY**

TEST	VALUE	UNIT	REFERENCE
SGOT (AST)	35	U/l	0 - 37

Physiological basis:

Intracellular enzyme involved in amino acid metabolism. Present in large concentrations in liver, skeletal muscle, brain, red cells, and heart. Released into the bloodstream when tissue is damaged, especially in liver injury.

Interpretation

Increased in: Acute viral hepatitis (ALT > AST), biliary tract obstruction (cholangitis, choledocholithiasis), alcoholic hepatitis and cirrhosis (AST > ALT), liver abscess, metastatic or primary liver cancer; right heart failure, ischemic or hypoxic injury to liver ("shock liver"), extensive trauma. Drugs that cause cholestasis or hepatotoxicity.

Decreased in: Pyridoxine (vitamin B6) deficiency

Comments

Test is not indicated for diagnosis of myocardial infarction.

AST/ALT ratio >1 suggests cirrhosis in patients with hepatitis C

~~~ 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.