



# Labsmart Software

## Sample Letterhead

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yourlabname@gmail.com

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

Age / Sex : 27 YRS / M  
Referred by : Dr. Sachin Patil (MBBS)  
Reg. no. : 1038



1038

Registered on : 07/11/2024 03:25 PM  
Collected on : 07/11/2024  
Received on : 07/11/2024  
Reported on : 07/11/2024 03:25 PM

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**BIOCHEMISTRY**

TEST	VALUE	UNIT	REFERENCE
SGPT (ALT)	26	U/l	13 - 40

**Physiological basis**

Intracellular enzyme involved in amino acid metabolism. Present in large concentrations in liver, kidney; in smaller amounts, in skeletal muscle and heart. Released with tissue damage, particularly 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; nonalcoholic steatohepatitis; right heart failure, ischemia or hypoxia, injury to liver ("shock liver"), extensive trauma; drugs that cause cholestasis or hepatotoxicity.

**Decreased in:** Pyridoxine (vitamin B6) deficiency.

**Comments**

ALT is the preferred enzyme for evaluation of liver injury.

~~~ 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.