



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. : 1052



1052

Registered on : 11/11/2024 02:56 PM
Collected on : 11/11/2024
Received on : 11/11/2024
Reported on : 11/11/2024 02:56 PM

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**BIOCHEMISTRY**

TEST	VALUE	UNIT	REFERENCE
SERUM AMYLASE	89	IU/L	0 - 120

Physiological basis

Amylase hydrolyzes complex carbohydrates. Serum amylase is derived primarily from pancreas and salivary glands and is increased with inflammation or obstruction of these glands. Other tissues have some amylase activity, including ovaries, small and large intestine, and skeletal muscle.

Interpretation**Increased in:**

Acute pancreatitis (70–95%), pancreatic pseudocyst, pancreatic duct obstruction (cholecystitis, choledocholithiasis, pancreatic carcinoma, stone, stricture, duct sphincter spasm), bowel obstruction and infarction, mumps, parotitis, diabetic keto- acidosis, penetrating peptic ulcer, peritonitis, ruptured ectopic pregnancy, macroamylasemia.

Drugs: azathioprine, hydrochlorothiazide.

Decreased in:

Pancreatic insufficiency, cystic fibrosis. Usually normal or low in chronic pancreatitis.

Comments

Macroamylasemia is indicated by high serum but low urine amylase. Serum or plasma lipase is an alternative test for acute pancreatitis. It has clinical sensitivity equivalent to that of amylase but with better specificity.

~~~ 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.