

Patient Name : Demo Patient Name
Age / Sex : 30 Y / F
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 21-Jan-25 12:23
Patient ID : UHID.DEMO.001

Amylase

Serum Sample

Accession No: DEMO_BARCODE **Collected On:** 21-Jan-25 12:23 **Received On:** 21-Jan-25 15:03 **Approved On:** 21-Jan-25 19:19

Observation	Result	Unit	Biological Ref. Interval	Method
Amylase	89	U/L	30 - 110	Amylopectin, Colorimetric

Clinical Significance :- Amylase is an enzyme that helps digest carbohydrates. It is produced in the pancreas and the glands that make saliva. When the pancreas is diseased or inflamed, amylase releases into the blood. This test is used along with lipase to diagnose acute or chronic pancreatitis. In acute pancreatitis serum amylase is 4-6 times higher within 12-72 hours of pancreatic injury and returns to normal in a few days. In chronic pancreatitis amylase levels are initially moderately high. Increased levels seen in pancreatic duct obstruction and carcinoma of pancreas. Increased blood amylase with low urinary amylase indicates the presence of macroamylase. Peritoneal fluid amylase raised in acute pancreatitis, intestinal obstruction or intestinal infarct.

Increased blood amylase levels may occur due to:

- Acute pancreatitis
- Cancer of the pancreas, ovaries, or lungs
- Cholecystitis
- Gallbladder attack caused by disease
- Gastroenteritis (severe)
- Infection of the salivary glands (such as mumps) or a blockage
- Intestinal blockage
- Macroamylasemia
- Pancreatic or bile duct blockage
- Perforated ulcer
- Tubal pregnancy (may have burst open)

Decreased amylase levels may occur due to:

- Cancer of the pancreas
- Damage to the pancreas
- Kidney disease
- Toxemia of pregnancy

Sample Type: Serum

Technology: Dry Chemistry (VITROS Microslide, MicroSensor & Intellicheck)

Analyzer: Fully Automated Biochemistry and Immunology Analyzer : VITROS 5600

Advise: Please correlate results with clinical conditions



This is a Demo Signature
and the doctor's signature should appear here

In case of any unexpected or alarming results, please contact us immediately for re-confirmation, clarifications, and rectifications, if needed.

