

AMYLASE - TOTAL, PLASMA

Orderable - AMY

Turn Around Time: 4 hours

STAT: 1 hour

Specimen:

Adult	Pediatric
4.5 mL Green (Lithium Heparin) top Vacutainer	0-2 years: 0.5 mL Green Microtainer 2-10 years: 2 mL Green top Vacutainer tube

Collection Information:

Serum from a 5 mL Gold top or 6 mL Red top Vacutainer tube is also acceptable.

Reference Ranges:

Adult	Pediatric
28-100 U/L	Up to 2 X Adult levels

Interpretive Comments:

Besides acute pancreatitis, amylase is increased in other acute abdominal disorders (intestinal obstruction, perforations, biliary obstruction). Also increased in renal disease, after morphine, salivary gland inflammation, macroamylasemia and diabetic ketoacidosis. Occasional cases of acute pancreatitis may yield normal plasma amylase results. Increased in "mumps" (S-type).

Comments:

Hemolyzed plasma may interfere with this test methodology.



Laboratory:
Core Lab



Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Enzymatic Colorimetric



Test Schedule:
As required