# Lipase (LIPA)

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#### **TEST OVERVIEW**

**Test Name** Lipase **Test Code** LIPA **Short Description** Lipase

#### **OVERVIEW**

**Test Name** 

Lipase

**Test Code** 

LIPA

Category

Biochemistry

TAT

Main Lab: 6 Hour(s) Family Site: <8hrs

Specimen(s)

1 x Venous blood - 5 mL Tube - Gold - SST-Serum Separator Tube

## SPECIMEN(S)

## **SST-Serum Separator Tube**

Specimen Type SST-Serum Separator Tube

**Specimen Format** Tube Specimen Colour Gold Specimen Volume 5 mL Sampling Order 2

Origin Venous blood

Collection time after baseline

**Transport Temperature** 15-25°C

**Accepted Other Specimens** Lithium Heparin Plasma

Sodium Heparin Plasma

TAT Main Lab: 6 Hour(s)

Family Site: <8hrs

**Test Stability** Room Temp: 6 Day(s)

2-8°C: 7 Day(s)

#### **CLINICAL INFORMATION**

#### Lipase

Methodology Quinone dye

Specimen Type SST-Serum Separator Tube

Delay before pre-treatment 24

Transport Temperature 15-25°C

Transport Stability at room temp 6 Day

Transport Stability at 2–8°C 7 Day

Haemolysis interference

#### **Clinical Interest**

Lipase is an enzyme produced mainly by the pancreas and plays a crucial role in the digestion of dietary fats.

Analysis of the activity of the lipase is mainly used in the diagnosis of the pancreatic disease (acute or chronic pancreatitis and their complication, carcinoma).

During acute pancreatitis, a transitory increase of the activity of lipase is observed after 4 to 8 hours, reaches a peak after 24 hours, the activity returning to normal after 8 to 14 days.

In chronic pancreatitis, lipase levels can be mildly elevated or even normal. Persistent or recurrent elevation may suggest ongoing pancreatic damage.

Elevated lipase levels can also be seen in conditions other than pancreatitis, though they are less specific as pancreatic tumours, cholecystitis (inflammation of the gallbladder), peptic ulcers, bowel obstruction, coeliac disease or patients with a reduced glomerular filtration rate.

## **PATIENT INFORMATION**

Clinical Information Required

Patient Collection Notes -

#### **COMMENTS & NOTES**

**LOINC Code** 40-3, 3040-3

Outwork