



Ms. NIMRA ABID MUHAMMAD ABID ALI

PID NO : 46019

Age : 26 Years Sex : Female

DOB: 27-Nov-1998



Reference : Dr. FARHAN

Sample Collected At :

CITICARE MEDICAL CENTER

Unit G03, Al Barsha South Bldg, Al Barsha South
Third, Dubai

VID : 5060109772

Registered on :

29-Jun-2025 09:57 PM

Collected on :

29-Jun-2025 08:40 PM

Reported on :

29-Jun-2025 10:31 PM

<u>Investigation</u>	<u>Observed Value</u>	<u>Flag</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
LIPASE (Serum, UV Enzymatic)	56.2		U/L	13 - 60

INTERPRETATION:

- Lipases are group of enzymes which catalyze the cleavage of triglycerides to diglycerides with subsequent formation of monoglycerides and fatty acids.
- Lipase is produced by the pancreas, liver, intestine, tongue, stomach, and many other cells.
- The lipase activity determination has gained increasing international recognition because of its high specificity and rapid response. After acute pancreatitis, the lipase activity increases within 4-8 hours, reaches a peak after 24 hours and decreases after 8 to 14 days. However, there is no correlation between the lipase activity determined in serum and the extent of damage to the pancreas.
- Because lipase levels remain elevated longer than amylase and its sensitivity in acute alcoholic pancreatitis is increased, serum lipase may be a more reliable test than serum amylase for the initial diagnosis of acute pancreatitis. Daily measurements of lipase are of no value in the assessment of the patient's clinical progress or ultimate prognosis. Because of its sensitivity, lipase testing is not very useful in chronic pancreatitis or pancreatic cancer.
- Along with pancreatic disorders, lipase testing is also indicated in the diagnosis of peritonitis, strangulated or infarcted bowel, and pancreatic cyst.

References:

- Kit insert
- Williamson MA, Snyder LM, Wallach JB. Wallach's interpretation of diagnostic tests. 9th ed. Philadelphia: Wolters Kluwer/Lippincott Williams & Wilkins Health; 2011.

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DR. ADLEY MARK FERNANDES
M.D (Pathology)
Pathologist

Dr. Vyoma Shah

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M.D (Pathology)
Clinical Pathologist



M RASHID CHENANGADATH
Laboratory Technologist

This is an Electronically Authenticated Report.

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Test result pertains only to the sample tested and to be interpreted in the light of clinical history. These tests are accredited under ISO 15189 unless specified by (*).
Test marked with # is performed in an accredited referral laboratory.

