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<b>NAME</b>	: Mr. GURVINDER SINGH	<b>PATIENT ID</b>	: 1637917
<b>AGE/ GENDER</b>	: 48 YRS/MALE	<b>REG. NO./LAB NO.</b>	: 012410080034
<b>COLLECTED BY</b>	:	<b>REGISTRATION DATE</b>	: 08/Oct/2024 01:10 PM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 08/Oct/2024 01:57PM
<b>BARCODE NO.</b>	: 01518542	<b>REPORTING DATE</b>	: 14/Oct/2024 12:32PM
<b>CLIENT CODE.</b>	: KOS DIAGNOSTIC LAB		
<b>CLIENT ADDRESS</b>	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
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## SPECIAL INVESTIGATIONS

### FECAL ELASTASE

FECAL ELASTASE by CMIA (CHEMILUMINESCENT MICROPARTICLE IMMUNOASSAY)	< 1.25 <sup>L</sup>	µg/gm STOOL	200 - > 500: NORMAL 100 - 200: MILD TO MODERATE EXOCRINE PANCREATIC INSUFFICIENCY < 100.0: SEVERE EXOCRINE PANCREATIC INSUFFICIENCY
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#### INTERPRETATION:

FECAL ELASTASE IN µg/gm STOOL	REMARKS
200.0 - > 500.0	Normal
100.0 - 200.0	Mild To Moderate exocrine pancreatic insufficiency
< 100.0	Severe exocrine pancreatic insufficiency

#### COMMENTS:

- Pancreatic elastase-1 is a Pancreas specific protease in pancreatic juice.
- It remains undegraded during intestinal transit and concentration in faeces is five to six fold as compared to pancreatic juice. Its measurement in faeces has high sensitivity for detection of moderate and severe chronic pancreatitis in adults.
- It has high sensitivity and high negative predictive value for discriminating between diarrhoea of pancreatic and non pancreatic origin.
- It is considered the most suitable test to confirm pancreatic insufficiency in screened Cystic Fibrosis infants older than 2 weeks. The test results remain unaffected by pancreatic enzyme supplements.

#### USAGE:

- To diagnose or exclude pancreatic involvement in association with gastrointestinal symptoms e .g abdominal pain, failure to thrive, maldigestion, etc.
- To diagnose or exclude exocrine pancreatic insufficiency caused by Chronic Pancreatitis, Diabetes Mellitus, Cholelithiasis, Cystic Fibrosis, Pancreatic Cancer, Celiac disease etc

#### NOTE:

- False negative result may be observed in mild pancreatic insufficiency but has better sensitivity than other tests
- False positive results may be observed in certain non pancreatic diseases such as Inflammatory bowel disease, Chronic diarrhoea, bacterial overgrowth or watery stool sample
- The test is not specific for Chronic Pancreatitis and detects moderate to severe impairment of pancreatic function from any cause

\*\*\* End Of Report \*\*\*



  
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