Patient NAME			
DOB/Age/Gender		Report STATUS	
Patient ID / UHID		Barcode NO	
Referred BY		Sample Type	
Sample Collected		Report Date	

#Pancreatic Elastase Stool

Test Name	Result	Unit	Ref. Range
Fecal Elastase-1 *CLIA*	158.57	µg/gm	<100 µg/g: Severe Exocrine Pancreatic insufficiency 100 - <200 µg/g: Mild to moderate Exocrine Pancreatic insufficiency >=200 µg/g: Normal

Interpretation:

Fecal Elastase-1 (FE-1) levels are decreased in patients with pancreatic insufficiency, with concentrations less than 100 μg/g in stool considered severe pancreatic insufficiency and greater than 200 μg/g considered a normal level. FE-1 levels have been shown to correlate with other pancreatic function tests, such as the secretin- cholecystokinin or secretin-caerulein test. These tests are considered the “gold standard” test, however, they are invasive, time-consuming, and expensive . An additional stool assay to diagnosis pancreatic insufficiency is Chymotrypsin, however, this assay requires three different stool samples from the patient, rather than the single stool sample required for detecting FE-1 . The benefits of testing patients’ FE-1 levels to diagnosis pancreatic insufficiency include better sensitivity and specificity than chymotrypsin testing, and unlike other tests it is non-invasive and does not require patients to consume a special diet or discontinue pancreatic enzyme replacement therapy.

Caution:
Normal concentrations do not exclude the possibility of Exocrine Pancreatic Insufficiency.
Consistency of raw fecal sample may affect analytical performance.

*** End Of Report ***

Nitin

Dr. Nitin Arora
MBBS,MD (Microbiology)

Terms and Conditions of Reporting

1. The presented findings in the Reports are intended solely for informational and interpretational purposes by the referring physician or other qualified medical professionals possessing a comprehensive understanding of reporting units, reference ranges, and technological limitations. The laboratory shall not be held liable for any interpretation or misinterpretation of the results, nor for any consequential or incidental damages arising from such interpretation.

2. It is to be presumed that the tests performed pertain to the specimen/sample attributed to the Customer's name or identification. It is presumed that the verification particulars have been cleared out by the customer or his/her representation at the point of generation of said specimen / sample. It is hereby clarified that the reports furnished are restricted solely to the given specimen only.

3. It is to be noted that variations in results may occur between different laboratories and over time, even for the same parameter for the same Customer. The assays are performed and conducted in accordance with standard procedures, and the reported outcomes are contingent on the specific individual assay methods and equipment(s) used, as well as the quality of the received specimen.

4. This report shall not be deemed valid or admissible for any medico-legal purposes.

5. The Customers assume full responsibility for apprising the Company of any factors that may impact the test finding. These factors, among others, includes dietary intake, alcohol, or medication / drug(s) consumption, or fasting. This list of factors is only representative and not exhaustive.