

Pancreatic Amylase Kit Immunoinhibition / Direct Substrate Method

Intended Use: _____

Alpha amylase is secreted by the pancreas into the duodenum where the catabolism of carbohydrates to simple sugars occur. Damage to the pancreas or obstruction to the pancreatic duct causes the enzyme to enter the blood stream. Elevated levels are found in acute pancreatitis / penetrating peptic ulcers, paraotitis (mumps). Patients with chronic pancreatic disorders having pancreatic cell destruction do not have high levels as less amylase is produced by the pancreas. Pancreatic amylase kit uses the immunoinhibition / direct substrate method to determine pancreatic amylase in serum, plasma and urine.

Pancreatic Amylase Kit components:

L1	Buffer Reagent
L2	Substrate Reagent
Other Accessories	Package Insert

System Parameters

Reaction	: Kinetic	Interval	: 60 secs
Wavelength	: 405 nm	Sample Vol.	: 0.02 ml
Zero Setting	: Distilled water	Reagent Vol.	: 1.00 ml
Incub. Temp	: 37°C	Standard	: ---
Incub. Time	: ---	Factor	: 2290
Delay Time	: 60/300 secs	React. Slope	: Increasing
Read Time	: 180 secs	Linearity	: 1000 U/L
No. of read	: 4	Units	: U/L

Storage / Stability	Temperature	Duration
Unopened kit	2-8°C	18 Months
In use stability	2-8°C	18 Months
Working reagent	2-8°C	4 Weeks

Available Pack Sizes	
25 ml	75 ml