

## Alpha Amylase Kit 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 pancreatic disorders having pancreatic cell destruction do not have high levels as less amylase is produced by the pancreas. Alpha amylase kit uses the direct substrate method to determine alpha amylase in serum, plasma or urine.

**Alpha Amylase Kit components:**

L1	Amylase Reagent
Other Accessories	Package Insert

### System Parameters

<b>Reaction</b>	: Kinetic	<b>Interval</b>	: 60 sec.
<b>Wavelength</b>	: 405 nm	<b>Sample Vol.</b>	: 0.02/0.01ml
<b>Zero Setting</b>	: Distilled water	<b>Reagent Vol.</b>	: 1.00 ml
<b>Incub. Temp</b>	: 37°C	<b>Standard</b>	: ---
<b>Incub. Time</b>	: ---	<b>Factor</b>	: 3954/7830
<b>Delay Time</b>	: 60 sec.	<b>React. Slope</b>	: Increasing
<b>Read Time</b>	: 180 sec.	<b>Linearity</b>	: 1000 U/L
<b>No. of read.</b>	: 4	<b>Units</b>	: U/L

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

Available Pack Sizes	
2 X 10 ml	2 X 30 ml

<b>Suggested control</b>	Calkine Alpha Amylase
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