



Serum Amylase Activity Assay kit

Serum amylase (AMY) belongs to alpha-amylase, which hydrolyzes alpha-1,4 glycosidic bonds inside polysaccharide molecules in a random manner to generate a mixture of oligosaccharides, maltose and glucose. AMY is mainly secreted by the salivary glands and pancreas, and a small amount of it is secreted by organs such as the proximal duodenum, lungs, uterus, and breast during lactation. Amylase catalyzes the hydrolysis of alpha-1,4 glycosidic bonds in starch molecules to produce glucose, maltose, dextrin, etc. Iodine can be combined with starch that is not hydrolyzed by amylase to form a complex with a characteristic absorption peak at 570 nm. The depth can calculate the unit of amylase activity. alpha-amylase is acid-resistant and beta-amylase is heat-resistant. According to the above characteristics, the activity of another amylase can be measured by passivating one of them.

Catalog No.	250505
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Storage/Stability	2-8°C/6 months
Shipping	Gel Packs