



beta-Amylase Assay kit (iodine-starch colorimetry)

Amylase is responsible for the hydrolysis of starch, mainly including alpha-amylase and beta-amylase. beta-amylase (EC 3.2.1.2) cuts alpha-1,4 sugar from the non-reducing end of starch. The glycoside bond produces reducing sugars such as glucose, maltose, maltotriose, and dextrin.

Iodine can be combined with starch that has not been hydrolyzed by amylase to form a complex with a characteristic absorption peak at 570nm, the depth of which can be used to calculate the activity of amylase.

Catalog No.	250458
Size	50 Assays / 100 Assays
Product Category	Enzymatic / Metabolic Assay
Detection Method	Visible spectrophotometry
Storage/Stability	2 ~ 8°C/1 year
Shipping	Gel Packs