



alpha-1,4-Glucan Glucohydrolase Activity Assay kit

Glucoamylase, namely glucoamylase (EC3.2.1.3), also known as gamma-amylase, is an exoglycosidase, which hydrolyzes alpha-1,4 glycosidic bonds from the non-reducing end of starch. With alpha-1,6 glycosidic bond, starch is completely hydrolyzed into glucose, so it is widely used in alcohol, liquor, antibiotics, amino acids, organic acids, glycerol, starch sugar and other industries.

Glucoamylase hydrolyzes soluble starch to generate glucose, and 3,5-dinitrosalicylic acid to generate reddish-brown compound. It has the maximum light absorption at 540nm. Within a certain range, the color of the reaction solution is proportional to the amount of glucose. The activity of glucoamylase can be determined and calculated.

Catalog No.	250267
Size	50 Assays / 100 Assays
Product Category	Enzymatic / Metabolic Assay
Detection Method	Visible spectrophotometry
Storage/Stability	2 ~ 8°C/1 year
Shipping	Gel Packs