Soil Beta-Xylosidase Activity Assay kit

beta-xylosidase (EC3.2.1.37, beta-XYS) exists in organisms such as plants, bacteria and fungi, and is the key to catalyzing the degradation of xylan hemicellulose enzyme, the product xylose can be used as a carbon source for microbial fermentation. In addition, beta-xylosidase can also be used as a biological bleaching agent in the paper industry. The bleaching method is environmentally friendly and has a wide range of application values.

S-beta-XYS catalyzes p-nitrophenol-beta-D-xyloside to produce p-nitrophenol. p-nitrophenol has a characteristic absorption peak at 400nm. The light absorbance at 400nm is measured. The rate of increase in income can be calculated for S-beta-XYS activity.

Catalog No.	251401
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	-20°C/1 year
Shipping	Gel Packs