

Neutral Xylanase Activity Assay kit

Xylanase (EC 3.2.1.8) is mainly produced by microorganisms, which can catalyze the hydrolysis of xylan, also known as pentosanase or hemicellulase, which can decompose and brew the raw material cell wall and beta-glucan in the feed industry, reduce the viscosity of the material in brewing, promote the release of effective substances, and reduce the non-toxicity in the feed. Starch polysaccharides promote the absorption and utilization of nutrients, so they are widely used in brewing and feed industries.

NEX catalyzes the degradation of xylan into reducing oligosaccharides and monosaccharides in a neutral environment, and further reacts with 3,5-dinitrosalicylic acid under boiling water bath conditions. Color reaction, there is a characteristic absorption peak at 540nm, the color of the reaction solution is proportional to the amount of reducing sugar produced by enzymatic hydrolysis, by measuring the reaction solution at 540nm. The rate of increase in absorbance can be calculated for NEX activity.

Catalog No.	250259
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Visible spectrophotometry
Storage/Stability	2 ~ 8°C/1 year
Shipping	Gel Packs