

## Alkaline Xylanase Assay Kit (Spectrophotometry)

### Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder -20°C for 3 years  
In solvent -80°C for 2 years

Actual storage temperature shall be subject to the COA.

### Biological Description

Description	Alkaline Xylanase (BAX) (EC 3.2.1.8) is a xylanase with high enzymatic activity under alkaline conditions, and its active component is xylanase. It is mainly produced by microorganisms and can catalyze the hydrolysis of xylan. Also known as pentosanase or hemicellulase, it can decompose the cell walls of raw materials and $\beta$ -glucan in the brewing or feed industry, reduce the viscosity of materials in brewing, promote the release of effective substances, reduce non-starch polysaccharides in feed, and enhance the absorption and utilization of nutrients. Therefore, it is widely used in the brewing and feed industries. BAX is generally isolated from microorganisms whose optimal growth pH is 9-11.
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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481