Alkaline Protease Activity Assay kit

Alkaline Protease refers to enzymes that catalyze the hydrolysis of protein peptide bonds under alkaline conditions, and belongs to serine proteases. In addition, the enzyme can also hydrolyze ester bonds and amide bonds, and has the functions of transesterification and transpeptide. This enzyme is one of the main industrial enzymes and is widely used in pharmaceutical, silk, food, tanning and other industries.

Under alkaline conditions, AKP hydrolyzes casein to generate tyrosine; under alkaline conditions, tyrosine reduces phosphomolybdic acid to generate tungsten blue; tungsten blue has a characteristic absorption peak at 680nm. Determine the rate of increase in absorbance at 680nm. To calculate AKP activity.

Catalog No.	250230
Size	100 Assays / 50 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	2-8°C/1 year
Shipping	Gel Packs