CREATIVE BIOMART®
Assay Kit

Neutral Proteinase (NP) Activity Assay Kit

Product Information

Product Overview

Neutral protease catalyzes protein hydrolysis under neutral pH and moderate temperature conditions. Due to its safety, broad substrate specificity, and strong hydrolytic capacity, it is widely used in food, feed, cosmetics, and nutraceutical industries.
Under neutral conditions, NP hydrolyzes casein to produce tyrosine. Under alkaline conditions, tyrosine reduces phosphomolybdic acid to form tungsten blue, which has a characteristic absorbance at 680 nm.

Size

50t/24s

Storage

Store at 2–8 °C. Shelf life: 6 months.

Detection method Spectrophotometer

Materials Required but Not Supplied

Visible spectrophotometer, water bath, magnetic stirrer, pipettes, 1 mL glass cuvettes, 1.5 mL tubes, distilled water.

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