CREATIVE BIOMART®
Assay Kit

Micro Pectins Content Assay Kit

Product Information

Product Overview

Acid phosphatase (ACP) is a lysosomal enzyme that hydrolyzes phosphate esters under acidic conditions. It plays important roles in phosphorus metabolism, signal transduction, and cellular turnover. ACP activity is commonly used as a marker for lysosomal function and certain pathological conditions.
Principle of Measurement: ACP catalyzes the hydrolysis of phosphate esters to release phenol, which reacts with chromogenic reagents to form a colored product. The absorbance measured at 520 nm is proportional to ACP activity.

Size

100t/48s

Storage

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

Detection method Spectrophotometer/Microplate Reader

Materials Required but Not Supplied

Visible spectrophotometer or microplate reader, water bath, benchtop centrifuge, adjustable pipettes, quartz cuvettes or 96-well plates, and distilled water.

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