CREATIVE BIOMART®
Assay Kit

Protein Content Assay Kit (Biuret Method)

Product Information

Product Overview

Significance of Measurement: Soluble protein content is commonly used for enzyme activity normalization and quality analysis of food and biological samples.
Principle of Measurement: Under strong alkaline conditions, peptide bonds react with Cu²⁺ to form a purple complex. The color intensity is proportional to protein concentration and independent of molecular weight or amino acid composition. The assay range is 1–10 mg protein, suitable for samples with high protein concentrations.

Size

100t/96s

Storage

Store at -20 °C. Shelf life: 6 months.

Detection method Spectrophotometer/Microplate Reader

Materials Required but Not Supplied

Visible spectrophotometer, adjustable pipettes, glass cuvettes or 96-well plates, and distilled water.

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