CREATIVE BIOMART®
Assay Kit

Protein Assay Kit

Product Information

Cat

Kit-2482

Cat.No.

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Product Overview

The protein is known as the "building blocks of life" and is one of the most important macromolecules in life science. Proteins are polypeptides made up of amino acids and play various key roles in all aspects of biology. Protein quantitation is a very common practice for life scientists. Simple, direct and automation-ready procedures for measuring protein concentration are very desirable. protein assay kit is based on an improved Coomassie Blue G method. The dye forms a blue complex specifically with protein, and the intensity of color, measured at 595nm, is directly proportional to the protein concentration in the sample. The optimized formulation substantially reduces interference by substances in the raw samples and exhibits increased sensitivity towards peptides.

Storage

4, -20°C

Shipping

RT

Size

500 tests

Detection method OD595nm (Bradford)

Compatible Sample Types

Biological, food, agriculture etc

Features & Benefits

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Sensitive and accurate. Use 10 mL samples. Detection range 0.06 - 1.0 mg /mL protein in 96-well plate assay.
Simple and high-throughput. The "mix-and-read" procedure involves addition of a single working reagent and reading the optical density. Can be readily automated as a high-throughput assay in 96-well plates for thousands of samples per day.
Low interference. Glucose, Tris, vitamins, and amino acids, DNA, RNA, salts, EDTA (Versatility: assays can be executed in 96-well plate or cuvet.

Assay time
2 min
Sensitivity
60 µg/mL

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