

BCA Protein Quantification Kit

Cat. No. PQT-001 Lot. No. (See product label)

SPECIFICATION

Product Overview The BCA method is the most widely used method for protein concentration determination in laboratories. The BCA method is fast, sensitive, stable, and reliable, and the coefficient of variation is minimal for the detection of different kinds of proteins. The BCA method is unaffected by the presence of chemicals in most samples. This kit uses bovine serum albumin (BSA) as the protein standard solution.

Specification 250 T, 500 T, 1,000 T

Testing Methods Enzyme labeler or spectrophotometer

Minimal Amount 0.2 µg

Lower Limit 10 µg/ml

Measurement Range 20-2,000 µg/ml

Applicable Protein samples

Applications Protein quantification

Instrument Preparation

1. Enzyme labeler or spectrophotometer
2. Pipette
3. Refrigerator
4. Icebox

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reagent Preparation	<ol style="list-style-type: none">1. Pure water2. Saline
Consumables Preparation	<ol style="list-style-type: none">1. Centrifuge tube2. Pipette tips3. Disposable gloves4. 96-well plate
Usage	In case of precipitation of BCA reagent due to low-temperature conditions or long-term storage, it can be dissolved by stirring or warming at 37°C. If bacterial contamination is found, it should be discarded to avoid affecting the experimental results.
Shelf-life	1 year
Storage	2-8°C
Notes	<ol style="list-style-type: none">1. Protein standards take care to prevent microbial contamination. Avoid repeated freezing and thawing.2. Protein standards can be dispensed and frozen as needed.3. Please use the reagents as soon as possible after unpacking.
Affirmation	This kit is intended for scientific research only and should not be used for clinical diagnosis or other purposes.

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