

BCA Protein Quantitation Kit

Cat. No. Kit-2397 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The BCA Protein Assay Kit provides a simple, rapid, detergent tolerant (up to 5%) procedure for determining the concentration of proteins in solution. The method utilizes a copper (Cu ²⁺) salt which can be reduced to the cuprous state by protein(s). The generated Cu ²⁺ ion forms an intensely colored complex with the bicinchoninic acid reagent with a very strong absorbance band centered at 562 nm. The intensity of the blue complex is proportional to the amount of protein in the sample. The BCA Protein Assay is suitable for measuring protein concentration in the range of 0.5-30 µg protein (0.01-0.6 mg/ml).
Applications	Assay is suitable for measuring protein concentration in the range of 0.5-30 µg protein (0.01-0.6 mg/ml).
Storage	4°C
Shipping	Gel Pack
Size	1000 assays
Kit Components	BCA Reagent; Copper Reagent; BSA Standard (10 mg/ml)
Detection method	Absorbance (562 nm)
Features & Benefits	Simple procedure; takes ~ 30-90 minutes; Fast and convenient

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