

BCA Protein Assay Macro Kit

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The assay bases on the bichinchoninic acid method (1). Proteins reduce alkaline Cu(II) to Cu(I). Bichinchoninic acid forms a purple complex with Cu(I) with an absorbance maximum at 562 nm. The absorbance is directly proportional to protein concentration.

- Fast and sensitive assay: linear detection range from 25 – 1000 µg protein/ml
- Easy to use: contains ready-to-use reagents and protein standard
- Compatible with many detergents
- Less binding variation between different proteins than Bradford assay

References:

1. Smith, P.K., et al. (1985) Anal. Biochem. **150**, 76 - 85

DANGER

Hazard Statements

[H334](#)

Precautions

[P261](#) - [P284](#)

Reaction

[P304 +P340](#) - [P342 +P311](#)

HS: 38229000

Storage Temperature: +2 °C to +8 °C