

## BCA Protein Assay Kit (Enhanced)

Catalogue No.: abx090642

The BCA protein assay is a protein determination formulation based on bicinchoninic acid (BCA) for the colorimetric detection. This method combines the reduction of  $\text{Cu}^{2+}$  to  $\text{Cu}^{+}$  by proteins in an alkaline medium (the biuret reaction) and the soluble purple-colored reaction product from the complexing of  $\text{Cu}^{+}$  and BCA. This purple-colored complex exhibits a maximum absorbance at 562 nm that is nearly linear with increasing protein concentrations over a broad working range (0-2 mg/ml). Since it is highly sensitive and simple to use, the BCA protein assay is adopted by many laboratories and companies, and is one of the main protein quantitative methods as well as the Bradford assay.

**Tested Applications:** WB**Note:**

THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only