

## Bicinchoninic Acid (BCA) Protein Assay Kit

Catalogue No.: abx097193

Bicinchoninic Acid (BCA) Protein Assay Kit for detection of protein concentrations in serum, plasma, tissue homogenates, cell lysates and cell culture supernatants using a microplate reader.  $\text{Cu}^{2+}$  can be reduced to  $\text{Cu}^+$  by proteins in alkaline solution.  $\text{Cu}^+$  combines with the BCA reagent, forming purple complex which has a maximum absorption peak at 562 nm. The absorbance value is proportional to the protein concentration. The protein concentration can be calculated from the OD value.

**Target:** Bicinchoninic Acid (BCA)

**Storage:** Shipped at 4 °C. Upon receipt, store the kit according to the storage instruction in the kit's manual.

**Validity:** The validity for this kit is 12 months.

**Test Range:** 0.0165 mg/ml - 1 mg/ml

**Sensitivity:** 0.0165 mg/ml

**Detection Method:** Colorimetric

**Assay Data:** Quantitative

**Sample Type:** Serum, plasma, tissue homogenates, cell lysates and cell culture supernatants.

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