

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. Cu^{2+} can be reduced to Cu^+ by proteins in alkaline solution. 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.