

BCA Protein Assay Kit

Catalogue No.: abx090640

BCA (bicinchoninic acid) is a perfect protein assay method, it serves the purpose of the Folin reagent in the Lowry assay, namely to react with complexes between copper ions and peptide bonds to produce a purple end product. This method is favored by professionals for its high sensitivity, stability, reliability, and small variation coefficient on different kinds of protein detections. Determination of the protein concentration with BCA is not influenced by chemical substances in majority of the samples. For example, in tissue and cell lysate experiments, the test results were not affected by common detergents (SDS, Triton X-100, Tween), but will be influenced by chelant (EDTA, EGTA), deoxidizer (DTT, mercaptoethanol) and lipid. So, in the assay, if the background of the sample diluent buffer or lysis buffer is high, end user can try to use Bradford Protein Assay Kit (Catalog abx090644). This kit can work well here.

Tested Applications: WB**Note:** This product is for research use only.