BCA Protein Quantification Protocol

1. Prepare the BCA working reagent by mixing 50 parts of BCA Reagent A to 1 part of BCA Reagent B. Example: 10mL of Reagent A with 200uL of Reagent B
2. In a 96-well plate pipette 1ul of BSA standard or sample into a microplate well.
3. To each well, add 100uL of PBS
4. Add 100uL of BCA working reagent
5. Once the working reagent is added, shake the plate for 30 seconds and place in a 37°C incubator for 30 minutes
6. After 30 minutes cool the plate to room temperature and read immediately at 562nm absorbance.

Tech Notes:

- BSA standards are diluted using a 50:50 dilution curve, beginning at 1 mg/mL.
- Standards, samples, and blanks are run in triplicate