PRODUCT INFORMATION

BDE641, BRADFORD REAGENT

Direction for use Protein Quantitation by Bradford Method.

BDE641 Bradford Reagent Biotechnology Grade

Storage: Cold ($4^{O}C$)

Instructions:

1. Into 4 separate microcentrifuge tubes, aliquot 5, 10, 15 and 20ul of 0.5mg/ml BSA solution. Bring the volume of each to 100ul with 0.15N NaCl.

2. Into 1 tube, aliquot 100ul 0.15N NaCl. This will serve as a blank.

3. Add to each tube, 1ml Bradford Reagent and vortex. Allow to stand at room temperature for 2 minutes.

4. Determine A_{595} nm using a 1ml microcuvette. Generate a standard curve by plotting absorbance at 595nm versus protein concentration.

5. For the unknown sample, repeat step 1-4 using the unknown in place of the BSA. Plot the A595nm and use the standard curve as a reference to determine the concentration of the unknown sample.

If after the initial assay, the unknown protein concentration is too high, dilute the protein or assay a smaller aliquot of the unknown.