Directions for Use

Protein Quantitation
by
Bradford Method*

Code	Product Description	Size
E530-1L	Bradford Reagent, Biotechnology Grade	1L
M172-1L	Bradford Reagent, Proteomics Grade	1L

Storage:

Cold

Instructions:

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

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

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

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

5. For the unknown sample, repeat steps 1-4 using the unknown in place of the BSA. Plot the A_{595} nm and use the standard curve as a reference to determine the concentration of the unknown sample.

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

For Hazard & Additional Information See MSDS

*Bradford, M.M. 1976. A rapid and sensitive method for the quantitation of microgram quantities of protein utilizing the principle of protein dye binding. Anal. Biochem. 72:248-254.

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