



**ProFoldin** Protein Folding Services  
290 Turnpike Road, Suite 6, Number 321  
Westborough, MA 01581-2843  
FAX: (508) 845-9258  
[www.profoldin.com](http://www.profoldin.com)  
[info@profoldin.com](mailto:info@profoldin.com)

## INSTRUCTIONS

# ProFoldin Easy Protein Assay Reagent

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**CATALOG NUMBER**            **EPA001**

### INTRODUCTION

The Assay Reagent is based on the principle of Bradford method. Proteins bind to Coomassie Brilliant Blue in an acidic solution and absorb the light at 595 nm wavelength. The assay is quick and easy: simply mix the reagent with 1/10 volume of the protein solution and read the light absorbance at 595 nm. Standard clear 96-well plates or cuvettes can be used for absorbance reading. The reagent is sufficient for 2500 assays (0.2 ml / assay using micro plate) or 500 assays (1 ml / assay using 1 ml-cuvette).

### PROTEIN ASSAY PROTOCOL

- (1) Mix the reagent evenly by shaking the reagent bottle.
- (2) Mix 200  $\mu$ l of the reagent with 20  $\mu$ l of the protein solution for measurement using 96-well plates. For measurements using 1 ml- cuvettes, mix 1 ml of the reagent with 0.1 ml of the protein solution.
- (3) Read light absorbance at 595 nm. Commercially available BSA can be used for standard curve plot.