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INSTRUCTIONS

ProFoldin Easy Protein SDS-PAGE Staining Solution

CATALOG NUMBER EPS001

INTRODUCTION

The Easy Protein SDS-PAGE Staining Solution is based on the principle that proteins bind to Coomassie Brilliant Blue in an acidic solution and show blue color. The reagent is formatted to visualize the protein bands on the gel quickly (within 1 min for 1 μ g of BSA or more). The stained gel is simply destained in water. Destaining of gels in water avoids air pollution in the lab by acetic acid and alcohol used in other gel staining and destaining systems.

PROTEIN SDS-PAGE STAINING AND DESTAINING PROTOCOL

- (1) Put the gel in 50 ml of the staining solution and leave it on a shaker for 20 min.
- (2) Discard the staining solution and add water to destain the gel for 2 hours to overnight.
Longer destaining helps to visualize the weaker protein bands. Overnight destaining does not reduce the band intensity. The staining sensitivity is 20 to 40 ng of protein in a BSA test.