DIRECTIONS FOR USE
PROTEIN STAIN, IN-GEL

Proteins stained with Protein Stain, In-Gel stain are purple in color. In-Gel stain provides better linearity than conventional post-staining techniques. Protein Stain, In-Gel can be used with most conventional vertical electrophoresis equipment.

1. Electrophorese samples for ten (10) minutes to allow proteins to migrate into the stacking gel.

2. Turn off the power supply and add 10X In-Gel stain directly to the upper buffer chamber to achieve a 1X stain solution.

3. Mix thoroughly to homogeneity and resume electrophoresis.

4. Continue electrophoresis until the stain migrates to approximately 1 cm from the bottom of the gel.

5. Remove the stained gel from the electrophoresis apparatus and destain the gel according to conventional methodologies (recommended: 40% Methanol / 7% Acetic Acid). Several changes of destain may be required to achieve a thoroughly destained gel.

Stained gels can be stored in a refrigerator for extended periods of time with little loss of stain intensity.

Key Features:

1. Staining occurs during electrophoresis—No need to stain post electrophoresis

2. 10X stain is added directly to the electrophoresis unit at a 1:10 dilution—no additional dilution vessel required.

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