Coomassie Brilliant Blue Staining of SDS-PAGE Gels

Materials

Gel after SDS-PAGE
ddH_2O
Coomassie Brilliant Blue staining solution
Gel staining container
Shaker
Gel imaging system

Procedure

Washing After SDS-PAGE

1. Transfer the gel after SDS-PAGE into a gel staining container.
2. Add 30 mL ddH_2O and wash the gel for 8 min on a shaker.
3. Remove the wash water and repeat washing twice, using 30 mL fresh ddH_2O for 8 min each time on a shaker.

Coomassie Brilliant Blue Staining

1. Remove the wash water.
2. Add 30 mL Coomassie Brilliant Blue staining solution.
3. Stain the gel for 30 min on a shaker.

Washing After Staining

1. Remove the staining solution.
2. Add 30 mL ddH_2O and wash the gel for 8 min on a shaker.
3. Remove the wash water and repeat washing twice, using 30 mL fresh ddH_2O for 8 min each time on a shaker.

Gel Imaging

1. Image the gel after the final wash to visualize the protein bands.