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A. Reagents:

- **Coomassie Brilliant Blue (CBBR-250) stain:**

  0.1% CBBR-250, 10% acetic acid, 50% methanol.

  1. Stir for 4 hours to overnight.
  2. Filter through filter paper.

  100 ml/a minigel is required.

- **Destain:**

  12% methanol, 7% acetic acid

  200-400 ml/a minigel is required.

- **Reservation solution:**

  5% acetic acid

B. Method:

1. After electrophoresis, place the gel in CBBR-250 stain in amount to cover the gel (100 ml for a typical minigel).
2. Agitate the gel for 5 to 20 min at room temperature.
3. Discard the used CBBR-250 stain.
4. Rinse the gel with a small amount of destain, and discard the destain solution.
5. Add ~ 100 ml of destain and agitate it until a suitable background is achieved.
6. Store the gel in 5% acetic acid.