

COOMASSIE STAINING PROTEIN GELS

1. Stain for 5-30' in **stain** solution, shaking at room temperature. Actual time depends on thickness of the gel. Minigels are OK with 5'.
2. **Destain** shaking at room temperature with frequent changes of solution.
3. When bands are clear, dry down gel.

Stain

5 g Coomassie Blue R
100 ml acetic acid
500 ml methanol
400 ml H₂O

Destain

100 ml acetic acid
200 ml methanol
700 ml H₂O

ONE STEP COOMASSIE STAINING

1. Soak gel in 10% ethanol, 5% acetic acid.
2. Using a 1% Coomassie R-250 stock add stain to 0.0004 - 0.0016%.
3. Shake for 1 - 16 h.
4. Gel can be silver stained after use.