

Protocol for Gel Fixing, Staining, and Destaining (Coomassie)

1. To fix gel: soak in 25% isopropanol/10% acetic acid/65% Milli-Q* water for 20 minutes for 1-mm thick gels
2. To stain gel: Use BioRad R-250 Coomassie 0.01% IN 10% acetic acid, and stain overnight on an orbital shaker at 40 rpm.
3. To destain: Pour off Coomassie solution from step 2 and replace with 10% acetic acid, and continue gentle shaking at 40 rpm.
4. As solution turns blue, replace with fresh until background is destained (protein bands should remain stained).
5. Leave gel in 3% acetic acid, and bring destained gel to Proteomics Facility with a completed submission form and an image of reasonable quality.

* or equivalent