## Reagents:

1. Acetic Acid
2. Methanol
3. Sypro Ruby Dye

## Protocol:

1. After SDS PAGE has been completed, carefully remove the gel from the cassette, place gel in a clean gel staining box with sufficient fix solution containing 7% acetic acid/10% methanol to cover the gel and agitate on the gel rocker for at least 90 minutes.
2. Remove the fix solution.
3. Add SYPRO Ruby gel stain to each gel so that they are well covered (approximately 10 x the volume of the gel). Ensure that there are no more than two gels per staining container for optimal results
4. Agitate on the gel rocker overnight (or for at least 6 hours).
5. Dispose of the Sypro Ruby gel stain in the appropriate container. Sypro Ruby can be reused up to four times
6. Destain gels using fix solution for at least 4 hours, or overnight. Agitate on the orbital shaker overnight.
7. Approximately 1 hour prior to scanning, wash the gels in 1% acetic acid to reduce the speckling artifacts on the gel and improve the scan quality. Agitate on the shaker.
8. Scan gel on the Typhoon Trio scanner.