

SYPRO™ Ruby Gel Staining

Working Detection Range: 2-1000ng of protein

Procedure:

All steps are done on a rotary shaker with gentle mixing. Containers should be made of high density plastic to minimize adsorption of the dye to the container walls (glass dishes are not recommended).

1. Fix the gel for two hours in 40% methanol/ 10% acetic acid immediately following electrophoresis. This step can be done overnight if it is more convenient.
2. Incubate the gel for a minimum of 3 hours to overnight in the undiluted staining solution.
3. Destain the gel in 10% methanol/ 7% acetic acid for 30 minutes.
4. Visualize the image on a UV or blue-light transilluminator with an excitation frequency of 450nm and an emission frequency of 610nm.