

Developing the blot

PIERCE Chemiluminescence substrates (Super signal).

1. Mix equal parts of “Enhancer solution and Peroxide solution in 15 ml test tube.
2. Mix and allow the solution to come to room temp (~ 5 minutes)
3. Incubate with the membrane for about 5 minutes.
4. Either view through Alpha-Innotech or develop the signal through X-ray film.

Develop through X-ray film

1. First add Developing solution, Fixing solution and stop solution into the appropriate trays
2. Place the blot into the zip lock bag.
3. Cut all the edges of zip lock bag
4. Flatten the plastic bag, clear air bubbles
5. Tape down blot in plastic bag.
6. Turn off all the light except dark room light
7. Place a film over the blot
8. Place tape on the films edge to the table
9. Allow 12 minutes exposure time
10. Remove the film carefully
11. Place the X-ray film into the developer for 10 minutes and carefully see for the signal develop.
12. Stop immediately once see the bands. Put them into the stopping solution for 2 minutes.
13. Place them into the fixing solution for 2 minutes.
14. Finally wash the films with water.
15. View the bands.