

# ***ClearBand*** ECL Western Blotting Substrate

50 ml, 200 ml

**Cat No:** ECL50, ECL200

**Shipping** : Ship at ambient temperature.

**Storage** : Store at 4°C.

## **General Information**

***ClearBand*** ECL Western Blotting Substrate is specifically formulated for highly sensitive, non-radioactive, enhanced luminol-based chemiluminescent substrate for easy detection of horseradish peroxidase (HRP) on immunoblots. ***ClearBand*** ECL Western Blotting Substrate offers excellent signal to noise ratio and clear background. ECL50 is sufficient for 400 cm<sup>2</sup> of membrane contents and ECL200 is sufficient for 1600 cm<sup>2</sup> of membrane contents. ***ClearBand*** ECL Western Blotting Substrate that enables picogram to high femtogram-level protein detection by western blot analysis.

## **Protocol**

1. After final wash of blot, prepare ECL working solution by Solution A and B at 1:1ratio. Working solution should be made fresh every time before use. Prepare the ECL working solution just before use.
2. Immediately add the mixture from step 1 to the membrane. Use 0.125 mL working solution per cm<sup>2</sup> of membrane.
3. Incubate the membrane for about 3 minutes at room temperature.
4. Drain excess reagents.
5. Cover the blot in clear plastic wrap or sheet protector and remove bubbles.
6. Expose the blot to X-ray film or imaging system.