

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 cm² of membrane contents and ECL200 is sufficient for 1600 cm² 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 cm² 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.