

Spray-on ECL Reagent (Cat. E208085)

Product Information:

Contents: Spray-on ECL reagent **For research use only.**

Catalog Number: E208085

Size: 100 ml

Storage Conditions: Stored at 2-8°C or at room temperature.

Description: Design for the detection of antibodies conjugated to Horseradish Peroxidase (HRP) in western blotting, suitable for both PVDF and NC membranes. Spray-on ECL reagent contains the luminol, ECL enhancer/stabilizer and the Hydrogen Peroxide (H₂O₂) in one bottle.
Ready-to-use reagent without mixing step.

Benefits and Features:

- Easy to use: Directly spray or pipette onto membrane, no need to mix A&B solutions prior to use.
- High sensitivity and long duration: detect up to 1-3 picogram protein and signal duration over 1 hour.
- Stable at room temperature more than a year.

This reagent is irritant to eyes and skin. Wear goggles and gloves are necessary. In case of contact with eyes or skins, rinse immediately with plenty of water and seek medical advice.

Procedure:

1. Place the membranes (protein side up) on a clean container. Drain off the excess wash buffer.
2. Spray the spray-on ECL reagent onto the membrane. (**Or directly pipette** the spray-on ECL reagent onto the membrane). The solution should cover the entire surface of the membrane. 2-3 sprays are sufficient to evenly cover a min gel membrane (5x5 cm).
3. Incubate for 1-2 minutes at room temperature without agitation. Proteins with low specificity or low binding reactivity with primary antibodies may require longer incubation times (~3-5 minutes).
4. Chemiluminescent detection:
Drain off excess ECL reagents and place the blots (protein side up) on a clean surface.
Directly expose the membrane on a chemiluminescent / fluorescent imager or wrap up the membrane for x-ray film development.

Precautions and Disclaimer:

This product and procedure described are intended for R&D use only. Purchase of this product does not convey a license to perform any patented process.

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