



SuperLight Chemiluminescent HRP Kit

Cat : FL0010-0125

Volume : 125ml*2

Storage : 4°C

Product information:

Bionovas SuperLight Chemiluminescent HRP Kit consist of luminal reagent and peroxide reagent, is the chemiluminescent substrate with dramatic enhancing formula designed for horseradish peroxidase (HRP) detection systems. Compare to other substrates, Bionovas SuperLight Chemiluminescent HRP Kit provides more higher sensitivity, long lasting luminance emission, and more linear relationship in your experiments. Bionovas SuperLight Chemiluminescent HRP Kit is highly compatible with any other HRP based detection methods, such as Western blot, dot plot, or protein array, whether in PVDF, nylon or nitrocellulose membranes in most commonly used buffer solutions.

General Western immunoblotting protocol:

Sample lysates preparation

1. Treated cells washed with PBS and lysed with lysis buffer.
2. Collected cell lysates, sonicated, and centrifugated with 8000g/5minutes.
3. Use suspension layer to quantify 20-80 g of proteins, mix with SDS sample buffer, and heating at 95°C for 5 minutes.

SDS-PAGE electrophoresis and transfer to membrane

4. Samples loading into prepared SDS-PAGE and electrophoresis at 70-80V (staging gel) or 100-140V (running gel).

5. If desired molecular weight were separated, stop the electrophoresis.

6. Transfer proteins from SDS-PAGE to membrane at 400mA for 60 minutes.

Blocking, and immunoblotting

7. Blocking with blocking buffer over 1 hours.
8. Hybridized with primary antibody (0.2~1 g/ml) at least 40 minutes.

9. Wash unbounded antibody with PBS/TBS wash buffer for 5 minutes at least 3 times.
10. Hybridized with secondary antibody (0.2~1 g/ml) at least 40 minutes.
11. Wash unbounded antibody with PBS/TBS wash buffer for 5 minutes at least 3 times.

Detection of proteins

12. Wet membrane with SuperLight Chemiluminescent HRP, DO NOT NEED INCUBATION TIME, wrap in plastic wrap and expose to x-ray film or cool CCD image system.

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Other information:

Quality guarantee : Bionovas SuperLight Chemiluminescent HRP are made by high purity materials so that providing excellent detection efficiency.

Dilutebale: If signals are too strong, dilutions with deionized water are acceptable.

Economic: Each 1 ml of Bionovas SuperLight Chemiluminescent HRP substrate mix at least provide 25 cm² membrane to detection.

Stable: The mix welled Bionovas SuperLight Chemiluminescent HRP substrate have good stability,even storage over 1 weeks at 2-8 °C or 3 days at room temperature.

Easy to use: Bionovas SuperLight Chemiluminescent HRP Kit are easy to use without change your well-established protocol. Only one thing you must do is choice Bionovas SuperLight Chemiluminescent HRP Kit as your experimental partner.

USA

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