Excellent Chemiluminescent Substrate（ECL）Detection Kit

Cat. No: E-IR-R307 **Size: 50 mL / 100 mL / 500 mL**

Cat	Products	50 mL	100 mL	500 mL	Storage
E-IR-R307A	ECL Substrate A	25 mL	50 mL	250 mL	2~8°C
E-IR-R307B	ECL Substrate B	25 mL	50 mL	250 mL	2~8°C
Manual		**One Copy**			

Introduction

Elabscience ® Excellent Chemiluminescent Substrate（ECL）Detection Kit is a horseradish peroxidase (HRP) substrate, which can be used to detect horseradish peroxidase (HRP) labeled proteins or nucleic acids, analyze protein content by Western blot or ELISA, and is compatible with film and digital development system.

Instructions

1. Western Blot

1) Follow the step of Western Blotting to block the membrane and incubate the primary/secondary antibody.
2) Wash the membrane with TBST for 3 times, 5 min each time.
3) Prepare ECL Working Solution by mixing equal parts of the ECL Substrate A and ECL Substrate B.

Note: Prepare the working solution before use, and change the pipette tips during the suction process.

4) Take an appropriate amount of mixed ECL Working Solution and add it to the membrane.
5) Adjust the exposure time according to the intensity of the luminous intensity.

2. ELISA

1) Prepare Working Solution by mixing equal parts of the ECL Substrate A and ECL Substrate B.

Note: Prepare the working solution before use, and change the pipette tips during the suction process.

2) Add 50~200 μL mixed ECL Working Solution to each well into the microtiter plate.
3) Detection within 10~60 min, better within 40~50 min.

Storage

Store at 2~8°C for 12 months.

Cautions

1. Before using this product, the imprinting film must be thoroughly washed, otherwise it may cause the background to rise.
2. ECL Substrate A and ECL Substrate B must be prepared before use, and change the pipette tips during the suction process.
3. Do not expose ECL working solution to sunlight or strong light, otherwise it will cause its inactivation, and laboratory light will have little effect on the working solution.
4. NaN_3 inhibits HRP activity, NaN_3 should be avoided during the experiment.

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
Web: www.elabscience.com Email: techsupport@elabscience.com