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**AQ LIFE SCIENCES**  
 A DIVISION OF QUANTA BIODESIGN LIMITED

**Product Number: AQ-60013**

## Q-Bright® Endure Chemiluminescent Detection Kit

Q-Bright® Endure chemiluminescent detection reagent is a luminol-based substrate for horseradish peroxidase (HRP), providing a light output for up to 24h. Q-Bright® Endure provides much greater sensitivity compared to the classical ECL reagents and is superior to many of the available commercial reagents providing long-lasting, high to mid-femtogram levels of detection in western blot, ELISA and other chemiluminescent-based applications.

### Product Number:

**AQ-60013**

Components:

AQ-90030: Q-Bright® Endure Substrate Solution

AQ-90029: Q-Bright® Stable Peroxide

Sensitivity:

high to mid-femtogram

Preservative:

0.1% Kathon CG/ICP

Storage and Handling:

Store at 4°C. Product may ship at ambient temperature.

Unit Sizes:

Q-Bright® Endure Chemiluminescent Detection Kit is available in 20ml, 100ml and 200ml unit sizes

Country of Origin:

United States of America

### Instructions for Use

*Q-Bright® Endure Chemiluminescent Detection Kit Working Solution* is prepared by combining equal parts of the Chemiluminescent Substrate Solution and the Stable Peroxide Solution before use. Allow working solution to equilibrate to room temperature before applying to the membrane.

For western blots, using optimized concentrations of primary antibody (0.02-1ug/ml) and HRP conjugated secondary antibody (4-20ng/ml), develop the membrane with a minimum of 0.1ml of Working Solution per cm<sup>2</sup> of membrane. Allow signal to develop for 5 minutes before imaging. The chemiluminescent signal can be developed using x-ray film or chemiluminescent imagers.

### Chemiluminescent Product Line

The *Q-Bright®* series of chemiluminescent reagents for HRP detection come in a variety of formulations and working ranges. When matched with the appropriate Antibody-HRP or Streptavidin-HRP conjugate, the result is high sensitivity, low background and sustained duration in immunoassays.

#### Related Products

Product Number	Product Name
AQ-60013	Q-Bright® Endure Chemiluminescent Detection Kit
AQ-60014	Q-Bright® Endure Plus Chemiluminescent Detection Kit
AQ-60015	Q-Bright® Extreme Chemiluminescent Detection Kit
AQ-30011	Goat anti-Mouse IgG (H&L), dPEG® Biotin
AQ-30012	Goat anti-Mouse IgG (H&L), dPEG® Horseradish Peroxidase
AQ-30023	Goat anti-Mouse IgG (H&L), dPEG® Biotin min X Rabbit, Human, Bovine, Horse
AQ-30024	Goat anti-Mouse IgG (H&L), dPEG® Horseradish Peroxidase min X Rabbit, Human, Bovine, Horse
AQ-30036	Goat anti-Rabbit IgG (H&L), dPEG® Biotin
AQ-30037	Goat anti-Rabbit IgG (H&L), dPEG® Horseradish Peroxidase
AQ-30048	Goat anti-Rabbit IgG (H&L), dPEG® Biotin min X Mouse, Human, Bovine, Horse
AQ-30049	Goat anti-Rabbit IgG (H&L), dPEG® Horseradish Peroxidase min X Mouse, Human, Bovine, Horse
AQ-70010	Streptavidin, dPEG® Horseradish Peroxidase

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