



Quanta BioDesign, Ltd
7500 Montgomery Drive,
Plain City, Ohio 43064

Office 614.792.2958
Fax 614.760.9781

QuantaBioDesign.com

AQ LIFE SCIENCES
A DIVISION OF QUANTA BIODESIGN LIMITED

Product Number: AQ-60012

Q-Bright® ECL Plus Chemiluminescent Detection Kit

Q-Bright® ECL Plus chemiluminescent detection kit is a luminol-based substrate for horseradish peroxidase (HRP) providing a more robust signal over the original ECL reagents. Q-Bright® ECL Plus provides picogram to high-femtogram levels of detection in western blot, ELISA and other chemiluminescent-based applications.

Product Number:

AQ-60012

Components:

AQ-90039: Q-Bright® ECL Plus Substrate

AQ-90029: Q-Bright® Stable Peroxide
high femtogram

Sensitivity:

0.1% Kathon CG/ICP

Preservative:

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

Storage and Handling:

Unit Sizes:

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

Country of Origin:

United States of America

Instructions for Use

Q-Bright® ECL Plus 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 and HRP conjugated secondary antibody, develop the membrane with a minimum of 0.1ml of Working Solution per cm² 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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