Datasheet for ABIN965410

Western Blot Kit Chemiluminescent Western Blot Kit for use with Human Primary Antibody FemtoMax

2 Images

Go to Product page

Overview

Quantity:	1 kit
Application:	Western Blotting (WB)

Product Details

Brand:	FemtoMax™
Characteristics:	Concentration Definition: Sufficient to run approximately 30 mini blots (7.5 cm x 8 cm).

Target Details

Background:	This Chemiluminescent Western Blot Kit allows for the detection of primary human polyclonal or monoclonal antibodies provided by the user. After protein separation and transfer, the membrane is probed with primary antibody. Detection of the membrane bound primary antibody-antigen complex is achieved by the addition of a secondary antibody conjugated to the enzyme horseradish peroxidase. The enzyme reacts with a specialized formulation of luminol, an extremely sensitive, non-radioactive substrate that emits light and allows visualization using X-ray film or other imaging methods, including highly sensitive CCD cameras and imaging systems. Because of the extremely high sensitivity of our FemtoMax™Chemiluminescent Substrate Kit for Western Blotting, primary and secondary antibodies can be used at greater dilutions. If you currently dilute your primary antibody 1:1,000 using an ECL substrate equivalent, then dilute your antibody 1:5,000 using the FemtoMax substrate. Synonyms: Western Blotting Kit, Chemiluminescent Kit, Peroxidase Kit, Immunoblotting Kit

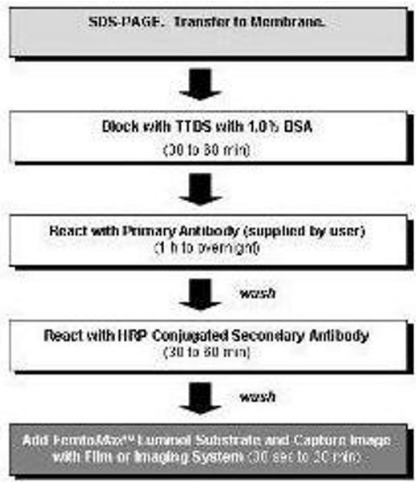
Application Details

Application Notes:	Chemiluminescent Western Blot Kit, namely our FemtoMax™ Chemiluminescent Substrate Kit for Western Blotting, combines all of the necessary reagents with a rapid proven protocol and the extremely high signal detection of our luminol substrate. The Chemiluminescent Western Blot Kit design includes straightforward procedures and color-coding to allow for ease of use. This kit contains sufficient substrate for up to 30 mini blots at 7.5 x 8 cm2 and is stable for at least 1 year when stored at +4°C.
Comment:	Detection Kit Type: Chemiluminescent Western Blot Kit
Restrictions:	For Research Use only

Handling

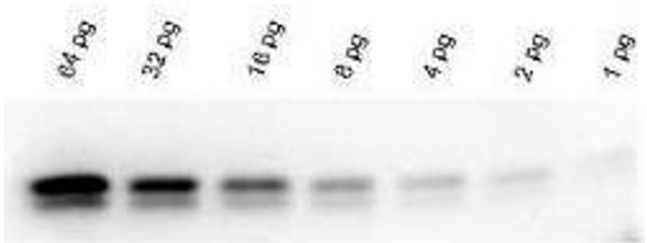
Handling Advice:	Wash buffers MUST NOT contain SODIUM AZIDE or other inhibitors of peroxidase activity!
Storage:	RT/4 °C

Images



Western Blotting

Image 1.



Western Blotting

Image 2. Chemiluminescent Western Blot Kit shows super sensitive signal. Known amounts of GST were spiked into a HeLa lysate followed by separation by SDS-PAGE using a 4-20 % gradient gel. Proteins were transferred to a Protran B85 membrane for 1 hour at 100 mV. The membrane was blocked with 5% BLOTTO in TTBS for 1 h at 4 °C. The blot was probed for 40 min with 1:1,000 dilution of Mab anti-GST followed by HRP anti-Mouse IgG at 1:10,000 dilution in

blocking buffer for 1 h at 4°C.

