

EzWay™ DAB Western Blot Kit

EzWay™ DAB Western Blot Kit is used to visualize the specific protein bands using the interaction between DAB and HRP, which is conjugated with secondary antibody. This kit contains all necessary reagents optimized for best result of western blotting. HRP and DAB colorimetric substrate produce a dark brown band at the site of reaction.



Kit Components

- 25x Transfer Buffer (Tris-Glycine)**
- 6x Blocking Solution (3% Casein/PBS)
- PBS Powder
- Tween-20 (50%)
- 30x DAB Solution
- Substrate solution (30% H₂O₂)
- Secondary antibody (goat anti-mouse IgG-HRP)*/**
- Secondary antibody (goat anti-rabbit IgG-HRP)*/**

* The dilution rate of secondary antibodies for WB is 1:1,000-1:10,000. They are also applicable to use for ELISA (1:10,000-1:100,000) as well as IHC (1:200-1:500).

** For separate purchasing, this small volume is not available.

Features

- Specific and accurate colorimetric protein detection using DAB
- Optimized all reagents supplied for quick and convenient Western Blot assay
- Affinity purified secondary antibodies included for versatility (rabbit, mouse)
- High sensitivity and clear background

Figure 1. Western Blot



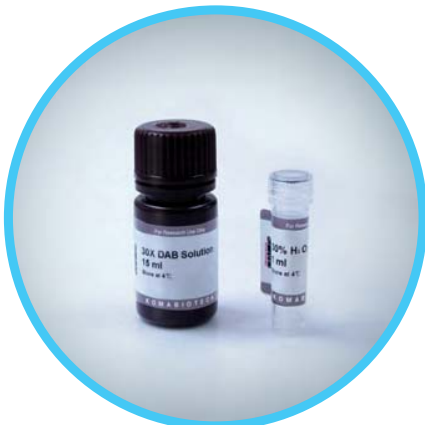
Immunoblot Analysis Marker (lane 1), 10 ug (lane 2), 1 ug (lane 3), 0.1 ug (lane 4), 0.01 ug (lane 5) of BSA samples were resolved by electrophoresis, blotted to nitrocellulose, and probed with Anti-BSA (1:4,000). Proteins were visualized with goat anti-rabbit secondary antibody conjugated to HRP (1:5,000) and DAB substrate. Arrow indicates BSA (69 kDa).

Ordering Information

Cat.No.	Description	Size
K03350	EzWay™ DAB Western Blot Kit	10 mini-blots

EzWay™ DAB Substrate Kit

EzWay™ DAB Substrate Kit contains DAB and Substrate Solution for colorimetric detection of peroxidase (HRP).



Features

- Diaminobenzidine (DAB) is the commonly used substrate for detection of peroxidase.
- 2 component system which develops a brown precipitate when reacted with horseradish peroxidase (HRP) in western blotting.

Kit Components

- DAB Solution in PBS (5x)
- Substrate Solution (30% H₂O₂)

Ordering Information

Cat.No.	Description	Size
K0335040	EzWay™ DAB Substrate Kit	10 mini-blots