

EzWay™ pink-ONE TMB Substrate (Cat# K0331070)**SPECIFICATION**

- One-step prestained TMB
- No mixing of TMB substrate and substrate solution required
- Pink-color coded indicator : Convenient to track for reagent supply No interference of color to activity or sensitivity of reaction (H₂O₂ makes color disappeared)

PROTOCOL

1. Dispense 100ul of pink-ONE TMB to each well. After sufficient color development (5-10 minutes at room temperature or at 37°C), add 100 ul Stop Solution (2M H₂SO₄) to each well.
2. Read plates in a microwell plate reader at wavelength setting of 450nm.

EzWay™ DAB Western Blot Kit, 10A (Cat# K0335040)**SPECIFICATION**

- 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.

PROTOCOL

1. Add 1 volume of 5X DAB Solution to 4 volumes of PBS and add 30ul Substrate Solution (30% H₂O₂) per 50 ml 1x DAB solution prior to use.
2. Incubate the membrane in the color reaction mixture for several minutes at room temperature or at 37°C
3. After sufficient color development, wash the membrane with DW in order to stop the color reaction.

EzWay™ TMB Substrate Kit (Cat# K0331060)**SPECIFICATION**

- Most sensitive chromogenic substrate for peroxidase detection
- 2 component system which develops a deep blue product when reacted with horseradish peroxidase (HRP) in ELISA

PROTOCOL

- TMB substrates contains 3,3', 5,5' - Tetramethylbenzidine
- Dispense 150ul Color Reaction Mixture into each well. (Or apply 50ul TMB solution and 100ul Substrate Solution to each well. Mix well by vortexing or shaking slightly.)
- After sufficient color development (5-10minutes at room temperature or at 37°C, add 50ul Stop Solution (2M H₂SO₄) to each well.
- Read plates in a microwell plate reader at wavelength setting of 450nm