



TMB Substrate (single-component)

It is a single-component ready-to-use substrate solution containing soluble Tetramethylbenzidine (TMB). TMB is a chromogenic substrate used in ELISA, IHC & Western Blot applications to detect the antibodies/proteins conjugated with horseradish peroxidase (HRP) enzyme. Once oxidized by the enzyme, TMB substrate yields a blue product that absorbs at 370nm and 652nm. Adding sulfuric or phosphoric acid to stop the reaction changes the product to yellow that absorbs at 450nm. TMB Substrate produces a very large signal-to-noise ratio, although its high sensitivity requires careful washing and blocking to avoid background staining. When performing IHC techniques, aqueous counter stains and mounting medium must be used.

Catalog No.	56280010
Size	100mL
Product Category	Immuno Detection
Storage/Stability	2 ~ 8°C / 1 year