



## TMB (single-component)

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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.

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| Catalog No.       | 506012           |
| Size              | 100mL            |
| Product Category  | Immuno Detection |
| Storage/Stability | 2 ~ 8°C / 1 year |
| Shipping          | Ambient          |