

# Certificate of Analysis

## Substrate Reagent Data Sheet

**Product:** TMB ELISA Substrate

**Catalog #:** MBS539294

**Lot #:** D20080502

**Concentration:** Ready to use @ 100µl per well  
Use this product at room temperature.

**Form:** Liquid ultra sensitive substrate for ELISA microwell applications containing TMB(3,3',5,5'-tetramethylbenzidine) in a mildly acidic buffer. Mixed substrate/chromogen. Excellent for microwell peroxidase immunoassay systems.

**Biohazard:** Non-hazardous, mild oxidizing agent, no organic solvents. Use good laboratory practices when handling; in case of contact, flush with water.

**Storage:** Store at 4°C. Product is light sensitive: protect from direct sunlight and UV sources.

**Additional Remarks:** In kinetic assays, TMB develops a deep blue color in the presence of peroxidase and can be read at 370 or 650nm. In endpoint assays, TMB develops a yellow color and can be read at 450nm approximately 30 to 60 minutes after adding stopping reagent.

Expiration Date: March 2, 2024

CAUTION: Not for use in humans or clinical diagnosis: This product is intended for research or manufacturing use only. It is pharmaceutically unrefined. It is the User's responsibility to verify its suitability for use as a clinical diagnostic reagent and its compliance with all Federal and State laws regulating such applications. There is no expressed or implied warranty. No liability is assumed for fitness of purpose, or merchantability, or direct or consequential damages. The User assumes all responsibility for the care, custody and control of the material, including its disposal, in accordance with all regulations.

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