

## Product Information

### Stop Reagent for TMB Substrate for ELISA, 450 nm

Catalog Number **S5814**  
Store at Room Temperature

#### Product Description

This proprietary, dry blend formulation is used to stop the Sigma one-component TMB Liquid Substrate Systems (T5569, T4319, T8665, T0440, and T4444) and change the chromogen from blue to yellow.

#### Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

#### Preparation Instructions

Add 100 ml of distilled or deionized water and allow approximately 5 minutes to dissolve.

#### Storage/Stability

Prior to hydration with water, this product is stable indefinitely. After hydration, the reagent is stable for a minimum of 2 years. Store at room temperature before and after reconstitution. Refrigerated temperatures will not harm the reagent.

#### Procedure

This product is used to stop TMB Microwell substrate and change the absorbance from blue (620 nm) to yellow (450 nm). Equal volumes of substrate and stop solution should be used. The resulting yellow end product, which is stable for at least one hour, can then be read at 450 nm. Refer to the data sheets included with the Sigma TMB Liquid Substrate Systems for additional details.

RC,AGW,PHC 11/12-1