

650 nm TMB Blue Stop Solution (TBS5089)

Catalog	Unit Size
TBS5089-100	100mL
TBS5089-500	500mL
TBS5089-1L	1000mL

DESCRIPTION

Tribioscience's 650nm TMB Blue Stop Solution is a high-quality, proprietary formulated solution to stop the reaction of TMB substrate (3,3',5,5'-Tetramethylbenzidine) with blue color at 650 nm in enzyme-based assays. It is designed for use in colorimetric assays such as ELISA. This solution effectively halts the reaction in the blue spectral range, ensuring precise and stable results when read at wavelengths between 620-650 nm. The reagent is ready to use, stable for extended periods, and provides reliable performance in laboratory testing environments.

APPLICATION

Stop the TMB substrate reaction in ELISA and other colorimetric assays, ensuring stable and accurate results when read at 620-650 nm. Ideal for halting enzyme reactions at the optimal time for precise absorbance measurements.

MAIN FEATURES

- **Effective Reaction Termination:** Quickly halts TMB-based reactions, preserving color intensity and stability.
- **Accurate Spectral Range:** Ideal for assays that require readings at 620-650 nm, ensuring reliable absorbance measurements.
- **Easy to Use:** Dissolves quickly in distilled or deionized water, with clear instructions for preparation.
- **Long Shelf Life:** Stable for up to 3 years from the date of manufacture, when stored correctly.
- **Safe and Reliable:** The reagent is non-hazardous and designed for use in standard laboratory environments.

PACKAGE SIZE

100 mL or 500 mL or 1L

STORAGE

- Store the reagent between 2°C and 8°C.
- Shelf life of 3 years from the date of manufacture when stored under recommended conditions.

Relative Products

Stop Solution for TMB Substrate (TBS5030)
TMB Substrate (TBS5021)
ELISA Coating Buffer (TBS5058)
ELISA Blocking Buffer (TBS5049-2)
ELISA Washing Buffer (TBS5008T)
ELISA Assay Buffer (TBS5057)
Fluorescent Substrate System (TBS50626)

This product is for research use only.