TMB Accessory Reagent

PRODUCT OVERVIEW

Product Name	TMB CORE, Accessory Reagent
Full Product Name	TMB CORE
Product Gene Name	TMB accessory reagent
Form/Format	Ready To Use Ready to use TMB solution - liquid
Preparation and Storage	Store at 4 degree C. DO NOT FREEZE. This product is photosensitive and should be protected from light. Avoid exposure to heat and contamination with metal ions or peroxidase. Store in bottles made of High Density Polyethylene (HDPE). Shelf Life: 24 months from date of despatch.
Intended Use	This item is a high performance TMB (3,3´, 5, 5´- tetramethylbenzidine) solution, recommended for use in ELISA detection systems as a substrate for horseradish peroxidase (HRP). TMB CORE contains TMB, substrate buffer and hydrogen peroxide in a safe, ready to use solution. This item produces a deep blue colour during the enzymatic degradation of H2O2 by horseradish peroxidase. For kinetic assays the absorbance is read at 655nm (blue). However, for endpoint assays the reaction may be stopped with 0.2M sulphuric acid, resulting in a yellow colour read at 450nm. Instructions For Use||1. Pour the desired amount of this item into a sealable container and allow it to reach room temperature in the dark. Note that 0.1ml will be required per well. 2. Add 0.1ml of This item per microtiter well. 3. Allow development of This item. Development time is typically 5-30 minutes. For best results, the plate should be kept in the dark during incubation. i.e. wrapped in tinfoil. 4. For kinetic assays, read absorbance at 655nm (blue). For endpoint assays, add an equal volume of 0.2M sulphuric acid and read the absorbance at 450nm (yellow). This endpoint solution is stable for up to one hour. 5. If reduced intensity is required, it is recommended that the development time is reduced or the antibody/conjugate is diluted further. (Dilution of This item is not recommended).
Applications Tested/Suitable for TMB accessory reagent	ELISA (EIA)
Application Notes for TMB accessory reagent	**ELISA:** Maximum Dilution: Neat
Related Product Information for TMB accessory reagent	MBS239089 is an accessory reagent targeting TMB. Also known as TMB CORE.
Other Notes	Small volumes of TMB accessory reagent vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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Online datasheet: https://www.mybiosource.com/accessory-reagent/tmb-core/239089