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DATASHEET

TMB ELISA Substrate (standard)

Product overview

Name TMB ELISA Substrate (standard)

Cat No HB9992

Biological descriptionStandard sensitivity HRP substrate for use in colourmetric ELISAs. Upon reaction with HRP the TMB ELISA Substrate (high sensitivity) develops a blue color with absorbance at 650nm. Upon stopping the

reaction with 0.16M sulphuric acid the color changes to yellow which can be read at 450nm.

Key features:

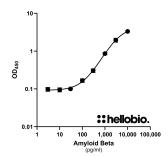
- 48 month Stability
- 15-30 minute Read Time
- Single component

Biological action
Applications
Description

Reagent ELISA

Standard sensitivity HRP substrate for use in colorimetric ELISAs.

Images



Biological Data

Application notes

Protocol

- 1. Add 100 μL of TMB ELISA Substrate (standard sensitivity) to each ELISA well,
- 2. Incubate at room temperature for 15-30 minutes or until a visible color change has occured. The absorbance can be measured at this point if required at 650nm,
- 3. Add 100µL of 0.16M sulphuric acid to each well to stop the reaction,
- 4. Measure absorbance at 450nm on a plate reader.

Solubility & Handling

Storage instructions

+4°C

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions

Stable for ambient temperature shipping. Follow storage instructions on receipt.