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# **DATASHEET**

TMB ELISA Substrate (high sensitivity)

#### **Product overview**

Name TMB ELISA Substrate (high sensitivity)

Cat No

**Biological description** High 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:

Reagent

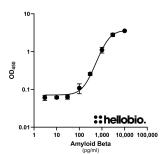
- · High sensitivity and speed
- 48 month stability
- 1-5 minute read time
- · Single component

**Biological action Applications** Description

**ELISA** 

High sensitivity HRP substrate for use in colorimetric ELISAs.

## **Images**



### **Biological Data**

#### **Application notes Protocol**

- 1. Add 100 µL of TMB ELISA Substrate (high sensitivity) to each ELISA well,
- 2. Incubate at room temperature for 1-5 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 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 Important Stable for ambient temperature shipping. Follow storage instructions on receipt.

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.