

Product Details

Summary

Standard Operating Procedure

Operation procedure

1. Add 100μl TMB to each well.
2. Incubate at room temperature or 37 ° C for 5-30 minutes, and adjust the reaction time according to the reaction system.
3. Add 50μl stop solution (1M hydrochloric acid or 1M sulfuric acid).
4. Test within 30 min., the detection at 450nm.

Notice

1. Sensitive to various oxidants and avoid contamination during the procedure.
2. Aliquot is suggested, using clean plastic containers.
3. High concentrations HRP will cause TMB substrate to appear dark green, or precipitate after adding stop solution, and the amount of antibody should be reduced or the incubation time should be shortened.

Description

The product is ready-to-use and is used for ELISA with the marker horseradish peroxidase; It is a single component, with ultra-stable, high sensitivity, low background, easy to use and so on. The main component of TMB is 3,3', 5,5'-tetramethylbenzidine (3,3', 5,5'-tetramethylbenzidine (TMB)), which is a substrate of horseradish peroxidase (HRP). Under the action of horseradish peroxidase, TMB reacts with an oxidant to produce a blue product. The strength of the color is proportional to the activity of HRP, which can be used for detection based on HRP markers.

Storage

Store at 2-8 °C for 2 years.

Shipping

Transport at normal temperature (do not exceed 37 °C).

Note

For research use only.

