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TMB Test Kit

Catalog No.: A50006

For 1000 tests

Description:

TMB 1-Component HRP substrate contains 3,3',5,5'-tetramethylbenzidine and hydrogen peroxide producer. The substrate product is designed as an easy to use in peroxidase-based, colorimetric techniques. It develops a deep blue soluble product (an absorbance peak at around 630 nm) when reacted with horseradish peroxidase labeled conjugates in microwell plates or tubes, and a yellow soluble product (an absorbance peak at around 450 nm) upon acidification. It is suitable for qualitative or quantitative microwell / tube immunoassays.

This product is non carcinogenic.

Kit Contents:

All solutions are ready to use.

- | | |
|----------------------------------|--------|
| 1. Insert | 1 copy |
| 2. TMB 1-Component HRP substrate | 100 mL |
| 3. Stop solution (0.35 M Acid) | 50 mL |

Storage Condition:

Upon receipt store kit at 4-8°C. Kit is shipped at ambient temperature.

Methods (Recommended):

Solutions above should be placed at room temperature for at least 30 minutes prior to use. Pour out needed amount of the reagent of TMB 1-Component HRP substrate into a plastic reservoir. Do not return excess TMB 1- Component reagent back to the primary container.

Endpoint Assay:

In endpoint assay of microwell / tube immunoassays, 100 uL of the TMB 1- Component substrate is added to each well /tube, and tap gently to mix. Incubation times will vary depending on your assay. The substrate reaction can be stopped by adding 50 uL of stop solution (0.35 M acid). After stopped, a soluble yellow product develops which is read at wavelength 450 nm.

Made in the U.S.A.