

## Stop Solution for TMB Substrate (Catalog# TBS5030)

Ready-to-use for TMB substrate-based ELISA

### DESCRIPTION

Stop Solution is a ready-to-use solution for colorimetric HRP-based ELISA detection. The acidic formulation is a proprietary solution used to stop TMB ELISA Substrate reactions and changes the chromogen from blue (620 nm) to yellow (450 nm) in color. The color intensity is proportional to the amount of HRP activity, which in turn is related to the levels of target analyte in an optimized ELISA procedure. Addition of sulfuric acid stop solution changes the color to yellow (absorbance maximum at 450nm), stabilizing the color development to enable accurate measurement of the intensity at 450nm using a spectrophotometer or plate reader.

### SIZE

1L.

### STORAGE

Shipped at ambient temperature. Store at room temperature or 2-8°C.

### PACKAGE SIZE

TBS5021-100ML: 1x 100 mL

TBS5021-1L: 1x 1000 mL

### APPLICATION

ELISA: Following TMB incubation, add an amount of stop solution equal to the amount of TMB substrate added to each well of the ELISA plate (typically 50–100 µL per well). Use at full strength.

### RELATIVE PRODUCTS

Ultra-Sensitive TMB Substrate (TBS5021)

PBS-1x (catalog# TBS5003)

BSA Standard solution (catalog# TBS5002)

Protein Assay kit (catalog# TBS2005)

Cell Lysis Buffer(10x) (catalog# TBS5001)

*For research use only.*