

# STOP Solution

P4: 50ml (2 x 25ml)

P6: 250ml (10 x 25ml)



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**For Research Use Only. Not For Use In Diagnostic Procedures.**

**Description:** STOP Solution is a proprietary solution used to terminate the peroxidase/TMB reaction for ELISA applications. The TMB substrate reacts with immobilized horseradish peroxidase (HRP) conjugated secondary antibodies to produce a blue solution. Color intensity is an indication of analyte level. After attaining the desired intensity, the reaction is terminated by addition of STOP Solution. Upon addition of STOP Solution the color turns from blue to yellow. Absorbance at 450 nm can be read immediately, and the reaction is stable for one hour.

**Background:** STOP Solution is used to terminate TMB/peroxidase reaction for ELISA applications and is intended for use in combination with CST's FastScan™ Sandwich ELISA Kits, PathScan® Sandwich ELISA Kits and PathScan® Sandwich ELISA Antibody Pairs.

**Notes on Use:**

(a) After incubation with horseradish peroxidase (HRP) conjugated secondary antibody, wash plates with PBS/0.05% Tween-20.

(b) Add 100 µl of TMB solution/well. Incubate for a specific amount of time or until desired signal is achieved. See product datasheet for recommended incubation times for specific antibody pair.

(c) Add 100 µl of STOP Solution

(d) Read at Absorbance 450 nm

**Solutions and Reagents:** STOP solution comes in solution and is ready to use from the bottle.

**Reagents not supplied:** TMB Substrate #7004 is not supplied.

**Storage:** Store at 4°C.

**Companion Products:**

TMB Substrate #7004

Anti-rabbit IgG, HRP-linked Antibody #7074

Anti-mouse IgG, HRP-linked Antibody #7076

Cell Lysis Buffer (10X) #9803

Phosphate Buffered Saline (PBS-20X) #9808

Phosphate Buffered Saline with Tween -20 (PBST-20X) #9809

BSA #9998