

---

Product Data Sheet

---

**STOP SOLUTION**

**Cat. No.** 80100

**Size:** 50 ml

**Form:** 10X Solution

**Storage:** Store at room temperature

---

**Introduction**

The stop solution has been formulated for use in terminating HRP reaction using ready-to-use 1-component TMB (Cat. No. 80091) for ELISA. The addition of stop solution will convert the blue color to yellow color that can be read at 450 nm. This enhances the signal by 2-3 fold. Stop solution contains diluted sulfuric acid.

**Recommended Use**

The stop solution must be diluted 1:10 with distilled water before use. For terminating endpoint ELISA using 1-component TMB substrate solution, add an equal volume (equal to the amount of substrate used) of diluted stop solution to stop reaction. The stopped reactions (yellow color) is stable for several hours if the plates are kept covered in the dark. However, it is recommended that the plates are read within 60 min. of stopping reaction. This stop solution may not be suitable for stopping HRP activity using other substrates.

**Caution**

The stop solution contains diluted sulfuric acid. Appropriate care, therefore, should be taken while handling this solution.

**Note:**

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.

MSDS: Available from ADI or at the web site

**Related items available from ADI**

| Catalog# | ProdDescription   |
|----------|---|
| 80012    | High binding ELISA Strips plates (8 wellsx12 strips)  |
| 80050    | ELISA Plate Coating buffer concentrate (10X)  |
| 80060    | ELISA Plate Blocking Buffer concentrate (10X) BSA-based   |
| 80062    | ELISA Plate Blocking Buffer concentrate (10X) milk-based  |
| 80070    | Antibody and Conjugate Diluent for ELISA concentrate (10X)  |
| 80080    | Wash buffer concentrate (20X) for ELISA   |
| 80081    | Phosphate Buffered Saline (PBS, pH 7.4) concentrate (20X)   |
| 80091    | TMB substrate (1-component) for ELISA   |
| 80100    | Stop solution for TMB substrate (ELISA) concentrate (10X)   |
| 80110    | Single solution TMB substrate (membrane) solution for western blot  |
| 80160    | Rabbit Serum Antibody detection ELISA kit, Qualitative (mouse, goat, sheep, monkey, human, chicken kits are also available) |

80100

71203A