

# ABTS<sup>®</sup> Peroxidase Stop Solution

Catalog No.  
50-85-01

Size  
2 x 100 mL



## DESCRIPTION

ABTS Peroxidase Stop Solution is specifically designed for use with KPL's ABTS Microwell Peroxidase Substrate (See RELATED PRODUCTS) to stop color development in ELISA plates.

## FORM

2 x 100 mL ABTS Peroxidase Stop Solution - Catalog No. 50-85-02

## STORAGE/STABILITY

Store at room temperature. Stable for a minimum of 1 year from date of receipt when stored at room temperature. Exposure to cold temperatures may cause formation of white crystals. This does not affect product performance. Warm at a room temperature or 37°C to re-dissolve and prepare following instructions below.

## CONTENT

ABTS Peroxidase Stop Solution contains 5% sodium dodecyl sulfate (SDS) in water.

## USE

**PREPARATION:** Dilute one part ABTS Peroxidase Stop Solution with four parts reagent quality water (i.e. 1 mL ABTS Stop Solution + 4 mL water) to produce a 1% solution..

**VOLUME:** The ABTS Stop Solution should be added to each well in the same volume as the ABTS Substrate (usually 100 µL). Add appropriate volume to each well to stop reaction. Read at a wavelength between 405 - 410 nm.

**WHEN TO STOP ABTS SUBSTRATE REACTION:** The point at which the substrate reaction is stopped is best determined by the ELISA reader being used. Many ELISA readers record absorbance up to 2.0 OD. The OD values of the plate should be monitored and the substrate stopped before positive wells are no longer recordable.

**NOTE:** The addition of the Peroxidase Stop Solution does not change the blue-green color of the ABTS substrate and will not significantly change the absorbance values recorded prior to stopping the substrate reaction. This allows the user to monitor the reaction and stop it at a desired absorbance value.

## PRODUCT SAFETY AND HANDLING

See MSDS (Material Safety Data Sheet) for this product.

## RELATED PRODUCTS

ABTS Peroxidase Substrate 1 Component	Catalog No. 50-66-00
ABTS Microwell Peroxidase Substrate System	Catalog No. 50-62-00
10% BSA Diluent/Blocking Solution	Catalog No. 50-61-00
Wash Solution Concentrate	Catalog No. 50-63-00

See KPL's catalog for a complete listing of antibodies, substrates, and complete ELISA kits.

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