

KPL ABTS[®] Peroxidase Stop Solution

Catalog No.

5150-0017 (50-85-01)

Size

2 x 100 mL

DESCRIPTION

KPL ABTS Peroxidase Stop Solution is specifically designed for use with SeraCare's KPL ABTS Microwell Peroxidase Substrates to stop color development in ELISA plates.

FORM

2 x 100 mL KPL ABTS Peroxidase Stop Solution - 5150-0018 (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 room temperature or 37°C to re-dissolve and prepare following instructions below.

CONTENT

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

USE

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

VOLUME: The KPL ABTS Stop Solution should be added to each well in the same volume as the KPL 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 KPL 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 SDS (Safety Data Sheet) for this product.

RELATED PRODUCTS

	CAT. NO.
KPL ABTS HRP Substrate (1-Component)	5120-0041 (50-66-00)
KPL ABTS Microwell Peroxidase Substrate System	5120-0032 (50-62-00)
KPL 10% BSA Diluent/Blocking Solution	5140-0006 (50-61-00)
KPL Wash Solution	5150-0008 (50-63-00)

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