



VectaCell™ Trolox Antifade Reagent for Live Cell Imaging

CB-1000-2

[Product Images](#)



Short Description

VectaCell Trolox is an antifading additive for live cell imaging. It is a stock solution of the antioxidant Trolox (6-hydroxy-2,5,7,8-tetramethylchroman-2-carboxylic acid) in filtered ethanol. Trolox is a water-soluble and cell-permeable analog of vitamin E that efficiently prevents formation of various reactive oxygen species, such as singlet oxygen ($^1\text{O}_2$), superoxide anion (O_2^-) or hydrogen peroxide (H_2O_2).

Additional Information

Unit Size	2 ml
Applications	Immunofluorescence, Cellular Imaging
Concentration	100 mM (in ethanol)
Recommended Usage	Instructions for use: Dilute the Trolox Solution into culture media or imaging buffer to a final concentration between 0.1 mM and 1 mM. Notes: The optimal working concentration of Trolox in imaging media will depend on the cell type and their tolerance to hypoxia. For cells that have low tolerance to hypoxia, or can be affected by the addition of ethanol, the appropriate controls should be included in the assay.
Recommended Storage	2-8 °C
Microscopy	Fluorescence
Antifade	Yes

