

Product Datasheet

VectaCell Trolox Antifade Reagent for Live Cell Imaging CB-1000-2-NB

Unit Size: 2 ml

Store at 4°C.

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CB-1000-2-NB**VectaCell Trolox Antifade Reagent for Live Cell Imaging****Product Information**

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|----------------------|--|
| Unit Size | 2 ml |
| Concentration | Please see the protocols for proper use of this product. If no protocol is available, contact technical services for assistance. |
| Storage | Store at 4°C. |

Product Description

| | |
|--------------------|---|
| Description | VectaCell Trolox is an antifading additive for live cell imaging. It is a stock solution (100 mM) 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 (O ₂), superoxide anion (O ₂ ⁻) or hydrogen peroxide (H ₂ O ₂). |
| Notes | This product is manufactured by Vector Laboratories and distributed by Novus Biologicals. |

Product Application Details

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|------------------------------|--|
| Applications | Immunocytochemistry/ Immunofluorescence, Cellular Imaging |
| Recommended Dilutions | Immunocytochemistry/ Immunofluorescence, Cellular Imaging |
| Application Notes | Dilute the Trolox Solution into culture media or imaging buffer to a final concentration between 0.1 mM and 1 mM. 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. |

Images

[CB-1000-2-NB]





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Support products are guaranteed for 6 months from date of receipt.

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