

# Product Datasheet

## **VECTASHIELD(R) Antifade Mounting Medium with Propidium Iodide H-1300-NB**

Unit Size: 10 ml

Store at 4C in the dark.

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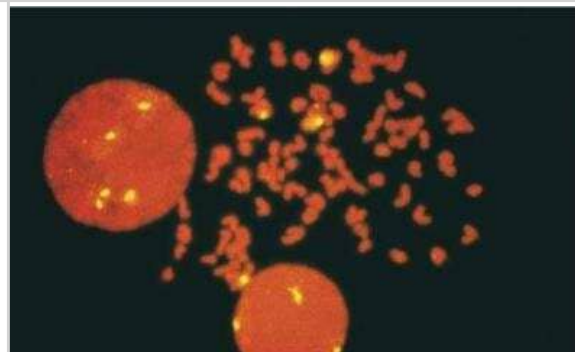


**H-1300-NB****VECTASHIELD(R) Antifade Mounting Medium with Propidium Iodide**

<b>Product Information</b>	
<b>Unit Size</b>	10 ml
<b>Concentration</b>	Please see the protocols for proper use of this product. If no protocol is available, contact technical services for assistance.
<b>Storage</b>	Store at 4C in the dark.
<b>Product Description</b>	
<b>Description</b>	<p>VECTASHIELD Antifade Mounting Medium is a unique, stable formula for preserving fluorescence. VECTASHIELD Mounting Medium prevents rapid photobleaching of fluorescent proteins and fluorescent dyes.</p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>Inhibits photobleaching of fluorescent dyes and fluorescent proteins</li> <li>Ideal refractive index (1.45)</li> <li>Ready-to-use</li> <li>No warming necessary</li> <li>Can be stored without sealing for long term analysis</li> <li>Non-hardening formulation</li> <li>Propidium iodide (PI) counterstain</li> </ul> <p>The original VECTASHIELD Mounting Medium does not solidify, but remains a liquid on the slide and can be stored without sealing. If desired, coverslips can be sealed around the perimeter with nail polish or a plastic sealant. Mounted slides should be stored at 4C, protected from light.</p> <p>VECTASHIELD Mounting Media are compatible with a wide array of fluorochromes, enzymatic substrates, and fluorescent proteins. The original VECTASHIELD Mounting Medium is available with or without the counterstain PI (propidium iodide). PI is a reddish nuclear counterstain with a broad excitation range at around 530 nm and emission at about 615 nm.</p>
<b>Notes</b>	This product is manufactured by Vector Laboratories and distributed by Novus Biologicals.
<b>Product Application Details</b>	
<b>Applications</b>	Immunocytochemistry/ Immunofluorescence, In-situ Hybridization, Cellular Imaging
<b>Recommended Dilutions</b>	Immunocytochemistry/ Immunofluorescence, In-situ Hybridization, Cellular Imaging
<b>Application Notes</b>	Refractive index is 1.45.

## Images

Immunocytochemistry/Immunofluorescence: VECTASHIELD(R) Antifade Mounting Medium with Propidium Iodide [H-1300-NB] - FastTag Fluorescein labeled pUC1.77 detected with Biotinylated Anti-Fluorescein and Fluorescein Avidin DCS, and counterstained with VECTASHIELD with PI.



In-situ Hybridization: VECTASHIELD(R) Antifade Mounting Medium with Propidium Iodide [H-1300-NB] - Mounting Medium with Propidium Iodide [H-1300-NB] - Human chromosome 6 paint detected with FITC-labeled probe (yellow) and mounted with VECTASHIELD Mounting Medium with PI (red) Photo courtesy of Cytocell Ltd.





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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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