

Product Datasheet

EndTag(TM) DNA End Labeling Kit MB-9002-NB

Unit Size: 1 Kit

Store at -20 °C.

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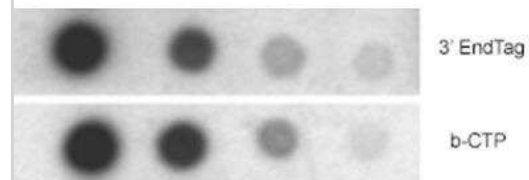
MB-9002-NB**EndTag(TM) DNA End Labeling Kit**

Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at -20 °C.
Product Description	
Description	<p>3' end labeling is the preferred method for oligonucleotide labeling if the terminal phosphate at the 5' end must be preserved.</p> <p>The 3' EndTag System enables simple and uniform labeling of blunt, overhanging, or recessed 3' ends of DNA. Using this system, a variety of fluorescent dyes, haptens, or affinity tags can be covalently attached to the 3' end using thiol-specific chemistry. Additionally, labels containing thiol-reactive groups (maleimides, iodoacetamides, etc.) can easily be incorporated.</p>
Kit Components	Terminal Transferase (TdT), SH-GTP, TdT Buffer (10X), Precipitant
Notes	This product is manufactured by Vector Laboratories and distributed by Novus Biologicals.
Product Application Details	
Applications	Dot Blot
Recommended Dilutions	Dot Blot
Application Notes	The 3' EndTag Labeling Kit is designed to perform 20 labeling reactions of up to 0.5 nmols of 3' ends (e.g. about 4.2 ug of a 25 base oligonucleotide) per reaction. *Note: This kit requires Thiol-reactive labeling reagent, which is not included in the kit and must be purchased separately. Labels suitable for this kit include: Biotin (Long Arm) Maleimide, DNP Maleimide, Fluorescein (Long Arm) Maleimide, Fucose Maleimide, Texas Red(R) Maleimide..



Images

Dot Blot: EndTag(TM) DNA End Labeling Kit [MB-9002-NB] - Dot blot hybridization comparing the sensitivity of biotinylated oligonucleotides. The probes were labeled with the 3' EndTag (top) or a terminal transferase reaction with b-CTP (bottom).



EndTag(TM) DNA End Labeling Kit [MB-9002-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. Kits are guaranteed for 6 months from date of receipt.

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