

Product Datasheet

EndTag(TM) DNA/RNA End Labeling Kit MB-9001-NB

Unit Size: 1 Kit

Store at -20 °C.

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Updated 2/14/2024 v.20.1

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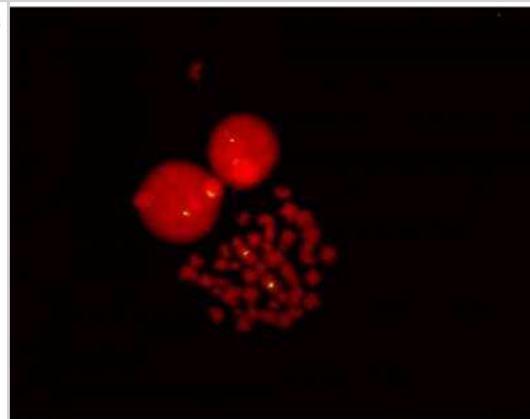
MB-9001-NB**EndTag(TM) DNA/RNA End Labeling Kit**

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>End labeling is a favored method for applications in which an internal label might interfere with hybridization or sequence specific protein binding. Features:</p> <p>Enables simple and uniform labeling of the 5' end of a DNA, RNA or unmodified oligonucleotide molecule.</p> <p>Preserves the unmodified 3' end of the oligonucleotide (ideal for the labeling of PCR primers as a result).</p> <p>Compatible with a choice of diverse labels - fluorophores, biotin, haptens, or affinity ligands*</p>
Kit Components	T4 polynucleotide kinase, Reaction Buffer (10X), ATP gamma S, Precipitant
Notes	This product is manufactured by Vector Laboratories and distributed by Novus Biologicals.
Product Application Details	
Applications	In-situ Hybridization
Recommended Dilutions	In-situ Hybridization
Application Notes	<p>Materials suitable to perform 10 end labeling reactions of up to 0.6 nmols of 5' ends (e.g. about 5 ug of a 25 base oligo) per reaction. *Note: Thiol-reactive labeling reagent is not included in the kit and must be purchased separately.</p> <p>Labels suitable for this kit include: Biotin (Long Arm) Maleimide, DNP Maleimide, Fluorescein (Long Arm) Maleimide, Fucose Maleimide, Texas Red(R) Maleimide.</p>



Images

In-situ Hybridization: EndTag(TM) DNA/RNA End Labeling Kit [MB-9001-NB] - Fluorescence in situ hybridization of human chromosomes using 5' EndTag Fluorescein-labeled puC1.77 detected directly and mounted in VECTASHIELD Mounting Media with PI.



EndTag(TM) DNA/RNA End Labeling Kit [MB-9001-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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