

Datasheet for ABIN2952628

DNA Polymerase Enzyme (15 kb)

Overview

Quantity:	250 U
Species:	Thermus aquaticus
Application:	Polymerase Chain Reaction (PCR)

Product Details

Purpose:	Taq DNA Polymerase is a hot start Taq DNA polymerase containing Taq DNA polymerase and two proprietary DNA binding proteins.
Specificity:	Functional absence of double and single stranded endonuclease activity.
Characteristics:	Taq DNA Polymerase is a hot start Taq DNA polymerase containing Taq DNA polymerase and two proprietary DNA binding proteins. At room temperature, one binding protein binds to doublestranded DNA template and another binding protein binds to primers. These unique formulations effectively neutralize the DNA polymerase activity at room temperature. Blocking proteins are released from primers and templates during the initial denaturation. Amplification of genomic DNA fragment up to 15 kb.
Purity:	> 99 % ,homogeneous measured SDS-PAGE
Components:	DNA Polymerase

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	20 mM Tris-HCl (pH 8.0), 0.1 mM EDTA, 1 mM DTT, 100 mM KCl, 50 % glycerol, stabilizers.
Preservative:	Dithiothreitol (DTT)

Order at www.genomics-online.com

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Handling

Precaution of Use: This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Stable for 12 months from date of receipt.

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)