

Datasheet for ABIN5519414

2xTransTaq® High Fidelity(HiFi)PCR SuperMix I (-dye)

Overview

Quantity:	1 mL
Application:	Polymerase Chain Reaction (PCR)

Product Details

Purpose:	ready-to-use mixture for the amplification of genomic DNA
Brand:	TransTaq®
Specificity:	<p>TransTaq®High Fidelity (HiFi) PCR SuperMix offers 18-fold fidelity as compared to EasyTaq® DNA Polymerase.</p> <p>Extension rate is about 1-2 kb/min.</p> <p>Template-independent "A" can be generated at the 3' end of the PCR product. PCR products can be directly cloned into pEASY®-T vectors.</p> <p>Amplification of genomic DNA fragment up to 15 kb.</p>
Characteristics:	<p>TransTaq® High Fidelity (HiFi) PCR SuperMix I or II is a ready-to-use mixture of TransTaq® High Fidelity (HiFi) DNA polymerase, dNTPs and optimized buffer. TransTaq® High Fidelity (HiFi) PCR SuperMix I is optimized for the amplification of genomic DNA and PCR SuperMix II is optimized for the amplification of λDNA, cDNA or plasmid DNA. The SuperMix is provided at 2x concentration and can be used at 1x concentration by adding template, primers and H2O.</p>
Components:	2xTransTaq® High Fidelity(HiFi)PCR SuperMix I (-dye), ddH2O

Application Details

Application Notes:	Complex templates, GC/AT rich templates, Long PCR, High yield PCR
Restrictions:	For Research Use only

Handling

Storage:	-20 °C
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Handling

Storage Comment: at -20°C for two years

Expiry Date: 24 months

Publications

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