

Datasheet for ABIN7477918

High-Specificity Pfu HS Mix

Overview

Quantity:	5 mL
Application:	Polymerase Chain Reaction (PCR)

Product Details

Purpose:	High-Specificity Pfu HS Mix
Specificity:	High-fidelity, aptamer-based hot start DNA polymerase tailored for low GC bias amplification
Characteristics:	High-Specificity Pfu HS Mix is a combination of the latest advances in buffer chemistry and PCR enhancers and stabilizers, together with an aptamer-mediated hot-start polymerase, dNTPs, and MgCl ₂ . The advanced buffer chemistry has been developed for fast, highly reproducible PCR and is designed for superior sensitivity and specificity, making High-Specificity Pfu HS Mix perfect for NGS library amplification.

Application Details

Application Notes:	DNA Polymerase
Comment:	A high-fidelity DNA polymerase (higher than 130x Taq fidelity) High-Specificity Pfu HS Mix is highly suited to target enrichment, NGS library amplification, and cloning applications. High-Specificity Pfu HS Mix provides high yield and sensitivity, as well as superior amplification of GC- and AT-rich targets.,Evaluation (Sample) Pack Size
Restrictions:	For Research Use only

Handling

Storage:	-20 °C
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Publications

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