Catalog Number: 930418

Product Name: PfuTurbo Cx Hotstart DNA Polymerase

Expiration Date: 2016-11-30

Quantity: 1390 µl

Certified By: Dana Faver

Quality Controlled By: Tricia Molina

Shipping Conditions: Shipped on dry ice.

Storage Conditions: Store at -20°C upon receipt.

Bulk Lot Number: 0006265010

Concentration: 2.5 U/µl

Description

PfuTurbo Cx, hotstart DNA polymerase, formulated with a mutant of Pfu DNA polymerase, provides improved reliability and exhibits more robust performance than other high-fidelity PCR enzymes for amplification of difficult targets. The antibody-based hot-start formulation allows room-temperature setup with minimal non-specific amplification.

10x Reaction Buffer

Use PfuTurbo Cx, hotstart DNA polymerase with the 10x PfuTurbo Cx, reaction buffer. Changing the reaction buffer may adversely affect the yield and/or fidelity of the reaction.

Test Conditions

PfuTurbo Cx, hotstart DNA polymerase is extensively tested using multiple primer-template systems ranging from 540 bp to 9 kb in length.

Contamination Test Conditions

PfuTurbo Cx, hotstart DNA polymerase is tested for the absence of detectable nonspecific nuclease activity and DNA contamination.

Storage Buffer

PfuTurbo Cx, hotstart DNA polymerase is supplied in 50 mM Tris-HCl (pH 8.2), 1 mM dithiothreitol (DTT), 0.1 mM EDTA, 0.1% Tween 20, 0.1% Igepal and 50% (v/v) glycerol.

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