Lot: 200780013

Catalog Number: 930417

Product Name: PfuTurbo Cx Hotstart DNA Polymerase

Expiration Date: 2016-04-30

Quantity: 235 µl

Certified By: Dana Fauer

Quality Controlled By: Tricia Molina

Shipping Conditions: Shipped on dry ice.

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

Bulk Lot Number: 0006243546

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 C, Hotstart DNA Polymerase is extensively tested using multiple primer-template systems ranging from 540 bp to 9 kb in length.

Contamination Test Conditions:
PfuTurbo C, Hotstart DNA Polymerase is tested for the absence of detectable nonspecific nuclease activity and DNA contamination.

Storage Buffer:
PfuTurbo C, 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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