Materials Provided
PfuUltra II Fusion HS DNA Polymerase: 400 reactions
10x PfuUltra II Fusion HS DNA Polymerase Buffer: 4 ml

Description
In PfuUltra II fusion HS DNA Polymerase, we couple our fusion technology with our engineered PfuUltra DNA Polymerase, hotstart antibody, and proprietary ArchaeMaxx PCR enhancing factor to achieve extreme accuracy, high specificity, and long target-length capability while dramatically reducing overall PCR extension times.

10x Reaction Buffer
Use only the provided 10x PfuUltra II Fusion HS DNA Polymerase Buffer. Changing the reaction buffer may adversely affect the yield and/or fidelity of the reaction. The 10x buffer provides a final 1× Mg²⁺ concentration of 2 mM.

Test Conditions
PfuUltra II fusion HS DNA polymerase is extensively tested using multiple primer-template systems ranging from 900 bp to 6 kb in length.

Contamination Test Conditions
PfuUltra II Fusion HS DNA Polymerase is tested for the absence of detectable nonspecific nuclease activity and DNA contamination.

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Agilent Technologies
1834 State Highway 71 West
Cedar Creek, TX 78612 USA

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