



600850 0006849949



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<b>Catalog Number</b>	600850
<b>Product Name</b>	<b>PfuUltra II Hotstart PCR Master Mix</b>
<b>Expiration Date</b>	2027-12-31
<b>Quantity</b>	100 Reactions
<b>Certified By</b>	Dana Faver
<b>Quality Controlled By</b>	Zulema Bates
<b>Shipping Conditions</b>	Shipped on dry ice.

### Storage Conditions

Store at -20°C upon receipt. After thawing, store at 4°C. Once thawed, full activity is guaranteed for 6 months.

### Description

*PfuUltra* II Hotstart PCR Master Mix\* is a 2× formulation of *PfuUltra* II Fusion HS DNA Polymerase,\* an optimized PCR reaction buffer, magnesium, and dNTPs. *PfuUltra* II Fusion HS DNA Polymerase couples fusion polymerase technology with our engineered *PfuUltra* DNA polymerase,\*\* and proprietary ArchaeMaxx PCR Enhancing Factor to achieve extreme accuracy, high specificity, and long target-length capability while dramatically reducing overall PCR extension times.

### Test Conditions

*PfuUltra* II Hotstart PCR Master Mix is extensively tested using multiple primer-template systems ranging from 900 bp to 6 kb in length.

### Contamination Test Conditions

*PfuUltra* II Hotstart PCR Master Mix is tested for the absence of detectable nonspecific nuclease activity and DNA contamination.

### Notice to Purchaser: Limited Label License for *Pfu*-containing DNA Polymerase Products

This product is covered by the claims of one or more of the following U.S. Patents: 5,556,772; 5,948,663; 6,183,997; 6,333,165; 6,379,553; 6,444,428. Purchase of this product conveys to the purchaser only the non-transferable right under these patents to use the product for research use only by the purchaser. No rights are granted to the purchaser hereunder to sell, modify for resale or otherwise transfer this product, either alone or as a component of another product, to any third party. Agilent reserves all other rights, and this product may not be used in any manner other than as provided herein. For information on obtaining a license to use this product for purposes other than research, please contact Agilent Technologies, Business Development, 11011 North Torrey Pines Road, La Jolla, California 92037. Phone (858) 373-6300.

### Endnotes

\*U.S. Patent Nos. 6,734,293, 6,444,428, 6,183,997, 5,948,663 and 5,545,552.

\*\*U.S. Patent Nos. 6,734,293, 6,444,428, 6,183,997, 5,948,663 and 5,545,552.

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