QIAGEN

UCP HiFidelity PCR Kit

Superior, inhibitor-resistant, high-fidelity PCR for unquestionable results

Overview

Procedure

Superior Inhibitor Resistance

No Misleading Background

Whole Blood Amplification

Amplify 25–85% GC

70x > Fidelity than Taq

Ordering Information

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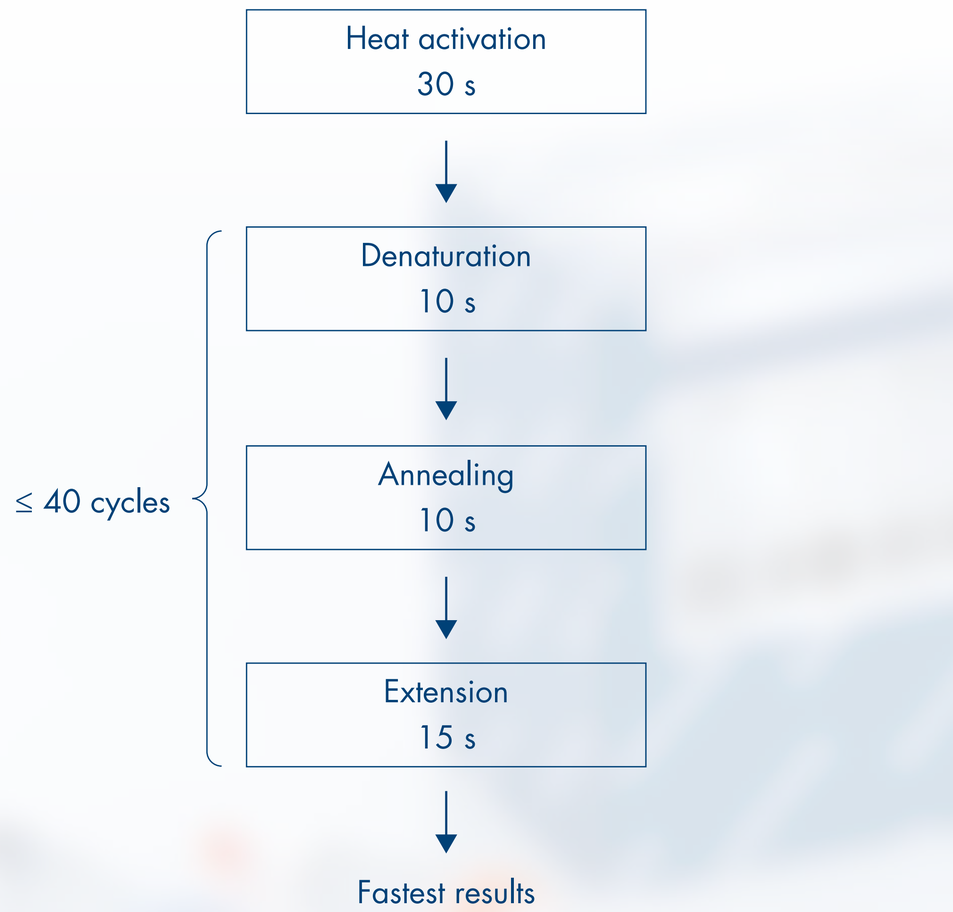
Ultrafast procedure with simple color change confirming correct pipetting



Download Quick-Start Protocol

- Unmatched convenience and speed
- Built-in pipetting control and room-temperature setup

Overview
Procedure
Stringent Hot Start
No Misleading Background
Whole Blood Amplification
Amplify 25–85% GC
70x > Fidelity than Taq
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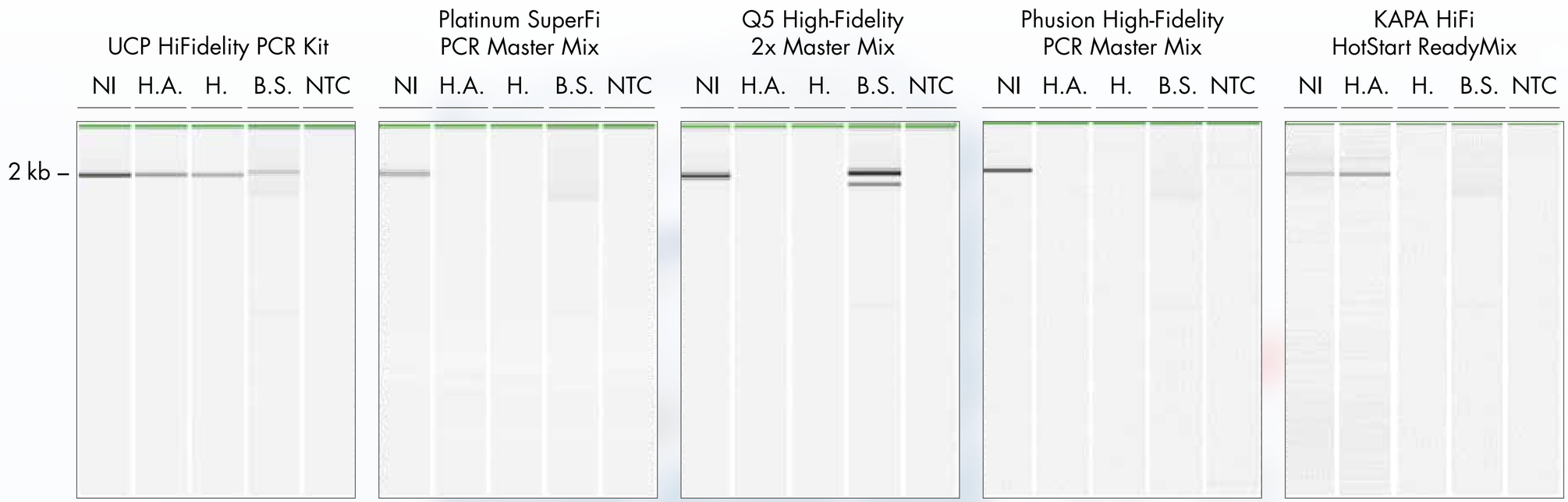
Robust, inhibitor-resistant PCR from your most challenging samples



No inhibitor (N.I.), 25 ng Humic acid (H.A.), 25 µM Heparin (H), 25 ng Bile salt (B.S.), no template control (NTC)

Superior inhibitor resistance compared to competitors

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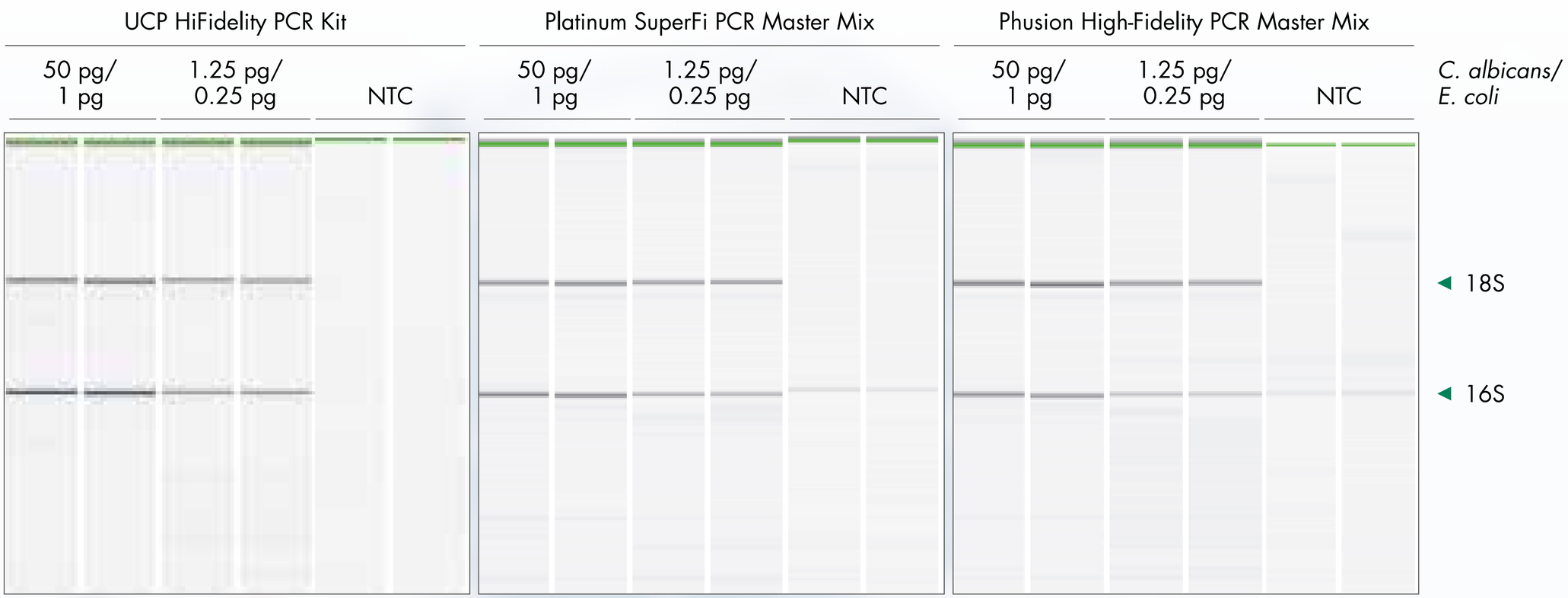
Ultra-Clean reagents for sensitive microbial detection with no background



No misleading background detected with Ultra-Clean reagents

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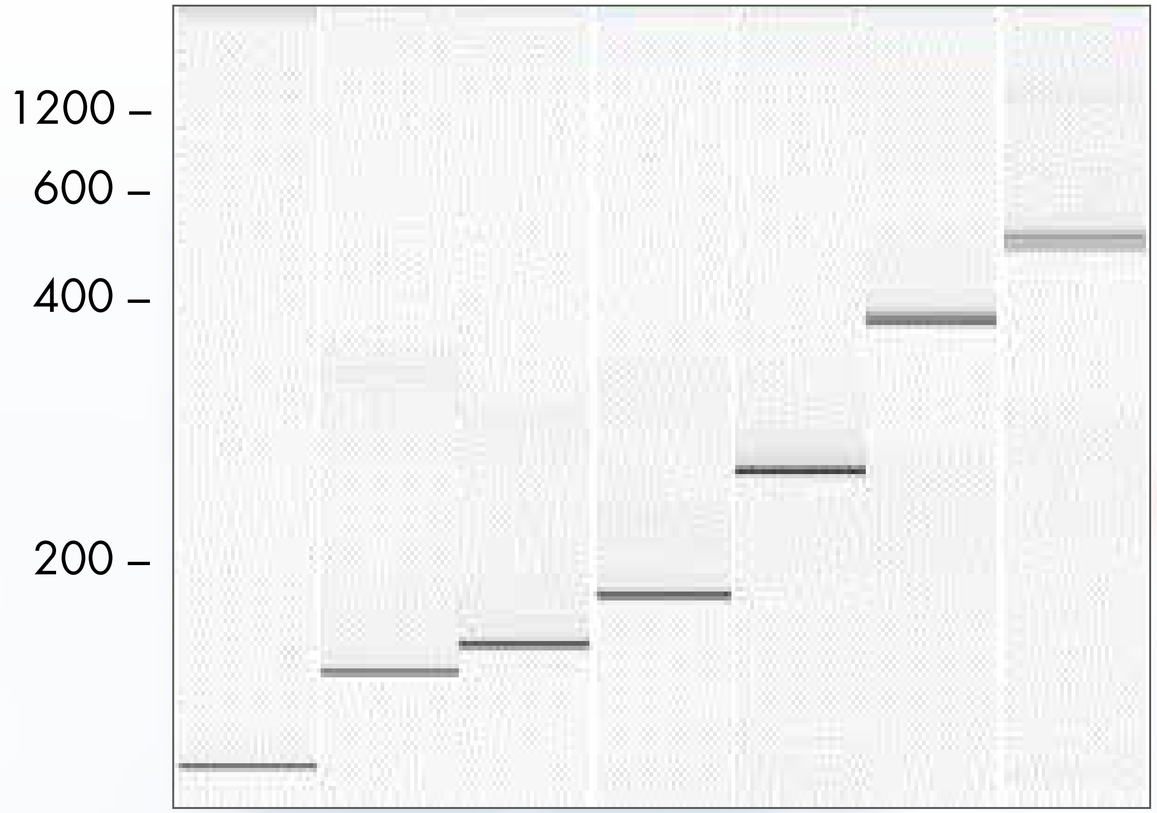
Reliable amplification directly from whole blood



Exceptional inhibitor robustness enabling successful amplification of various targets directly from whole blood

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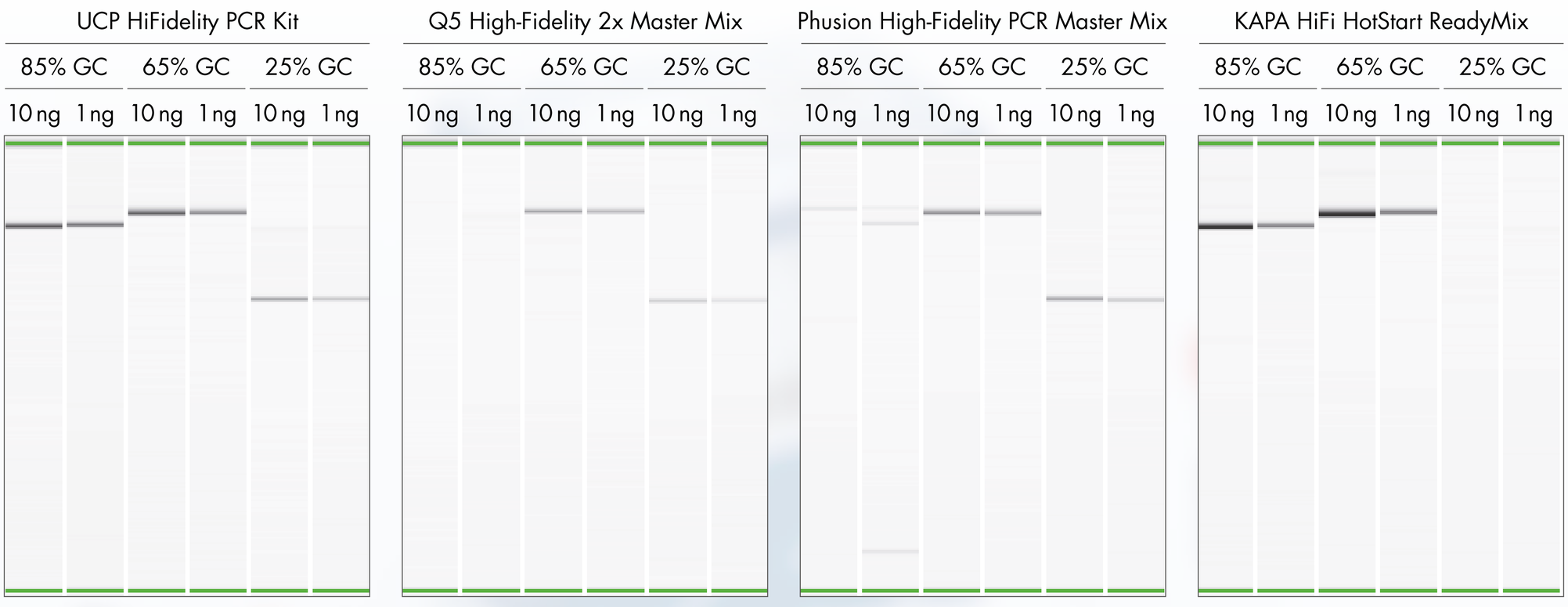
Amplify your most challenging targets with no optimization required



Amplify high and low GC-content templates with no protocol or buffer optimization

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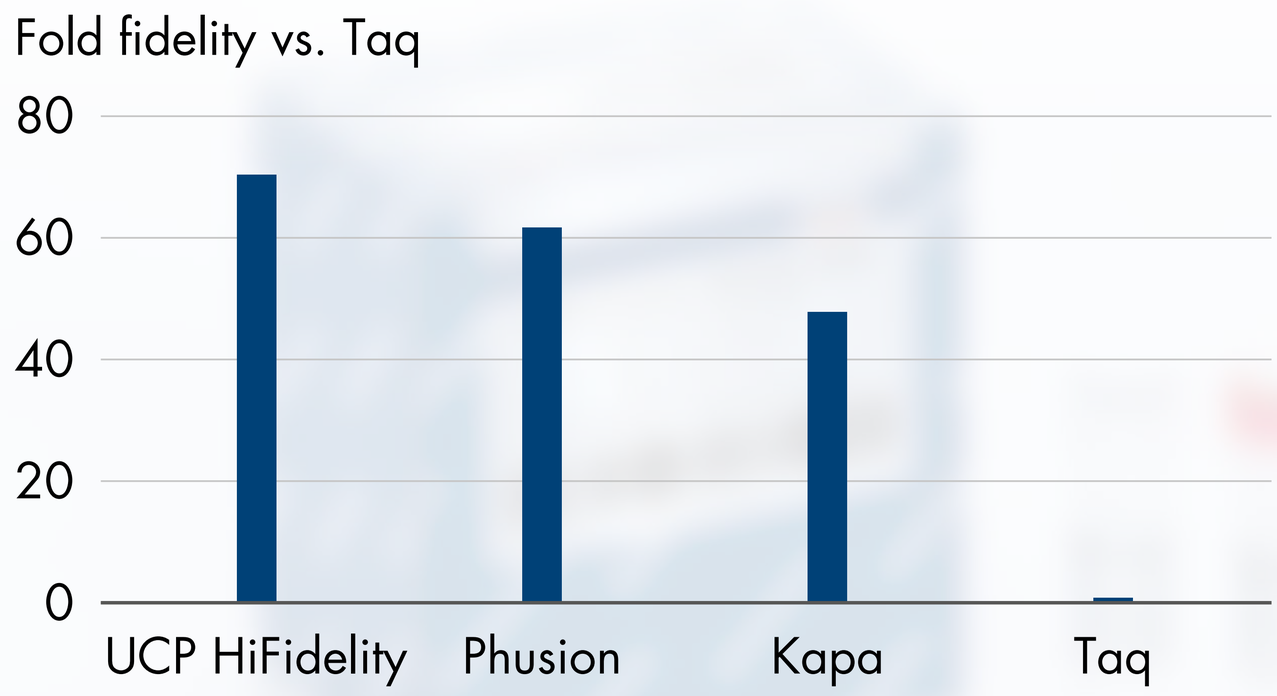
Highest possible fidelity for your most rigorous applications



70x greater fidelity than Taq in the rigorous LacI Fidelity test

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Product	Contents	Cat. no.
UCP HiFidelity PCR Kit (100)	1 x 1.3 ml UCP HiFidelity MasterMix (2x), 1 x 200 µl UCP Template Tracer (25x), 1 x 50 µl UCP Master Mix Tracer (125x), 1 x 1.9 ml UCP PCR Water	202742
UCP HiFidelity PCR Kit (500)	5 x 1.3 ml UCP HiFidelity MasterMix (2x), 2 x 200 µl UCP Template Tracer (25x), 1 x 50 µl UCP Master Mix Tracer (125x), 4 x 1.9 ml UCP PCR Water	202744

For up-to-date licensing information and product-specific disclaimers, see the respective QIAGEN kit handbook or user manual. QIAGEN kit handbooks and user manuals are available at www.qiagen.com or can be requested from QIAGEN Technical Services or your local distributor.

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