

UCP Multiplex PCR Kit

Superior multiplex PCR and unbiased metagenomics analysis

Overview

Procedure

Stringent
Hot Start

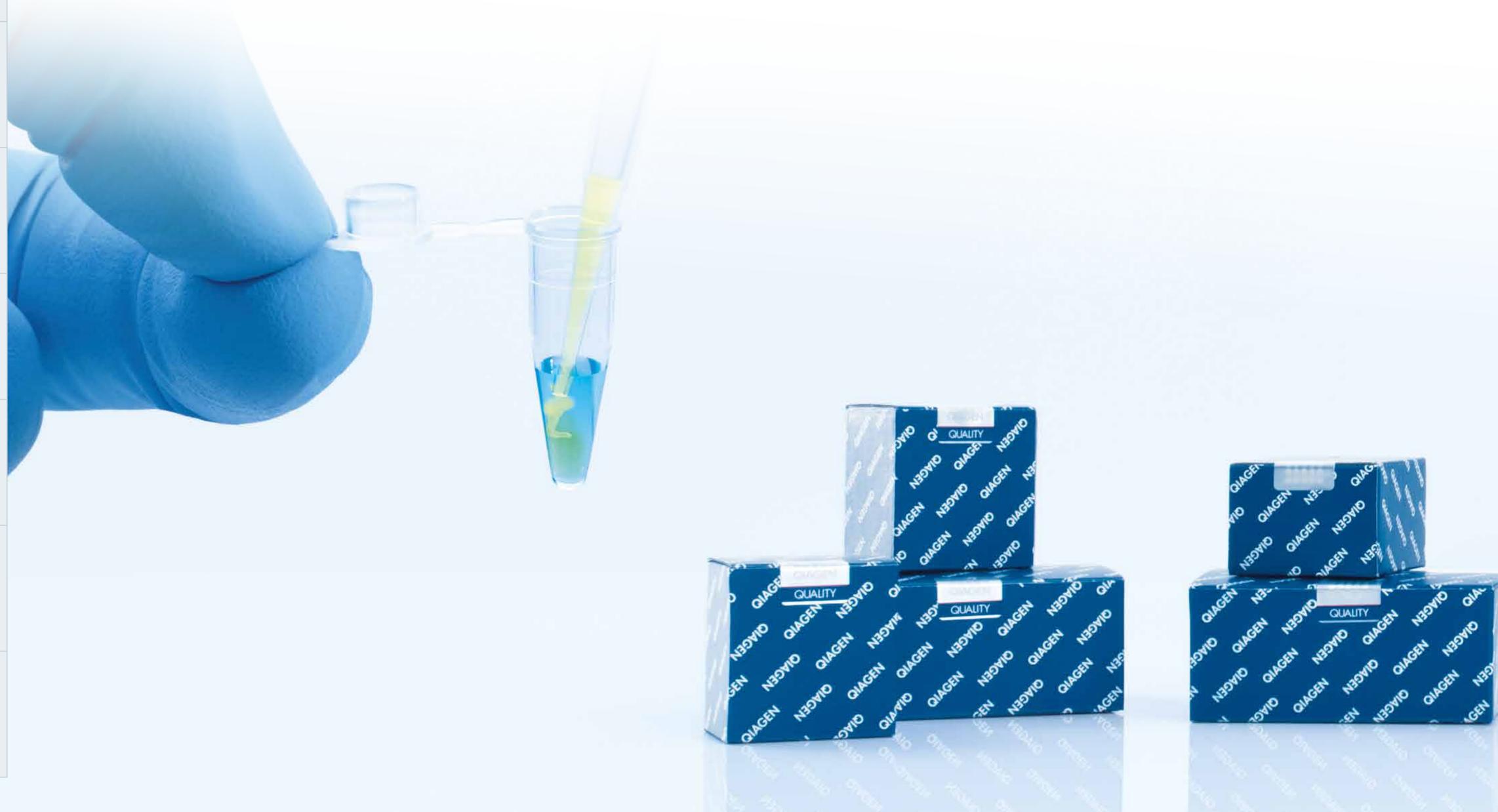
Sensitive
Detection

Superior
Inhibitor
Resistance

Amplify up to
70% GC

Superior to
Competitors

Ordering
Information



Ultrafast procedure with built-in pipetting control

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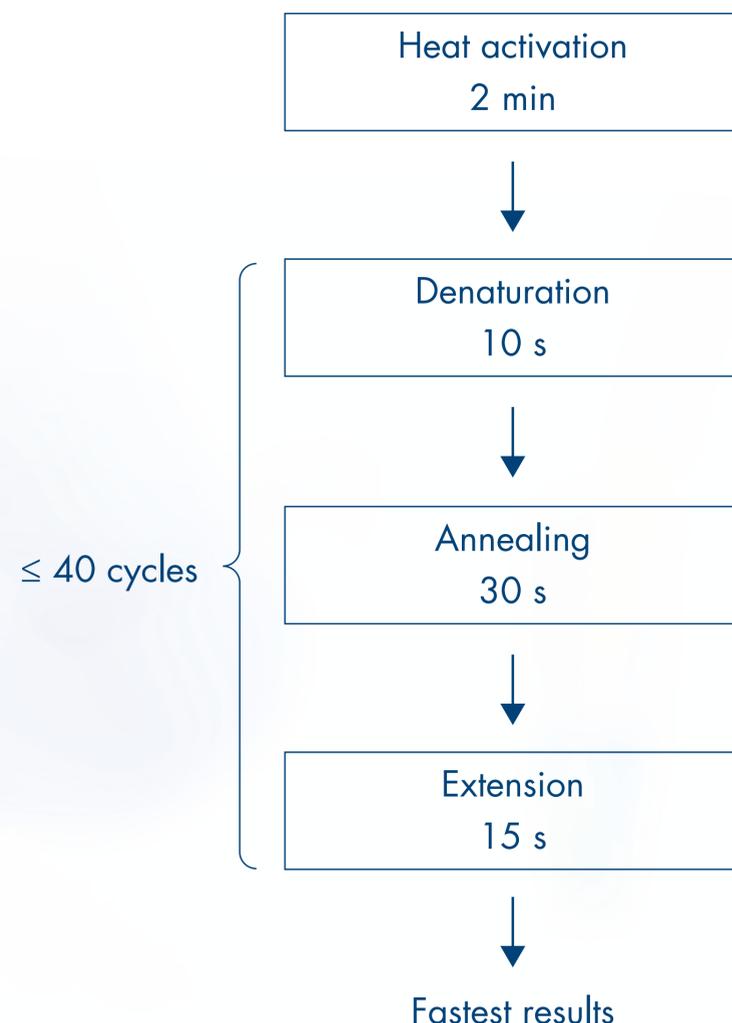
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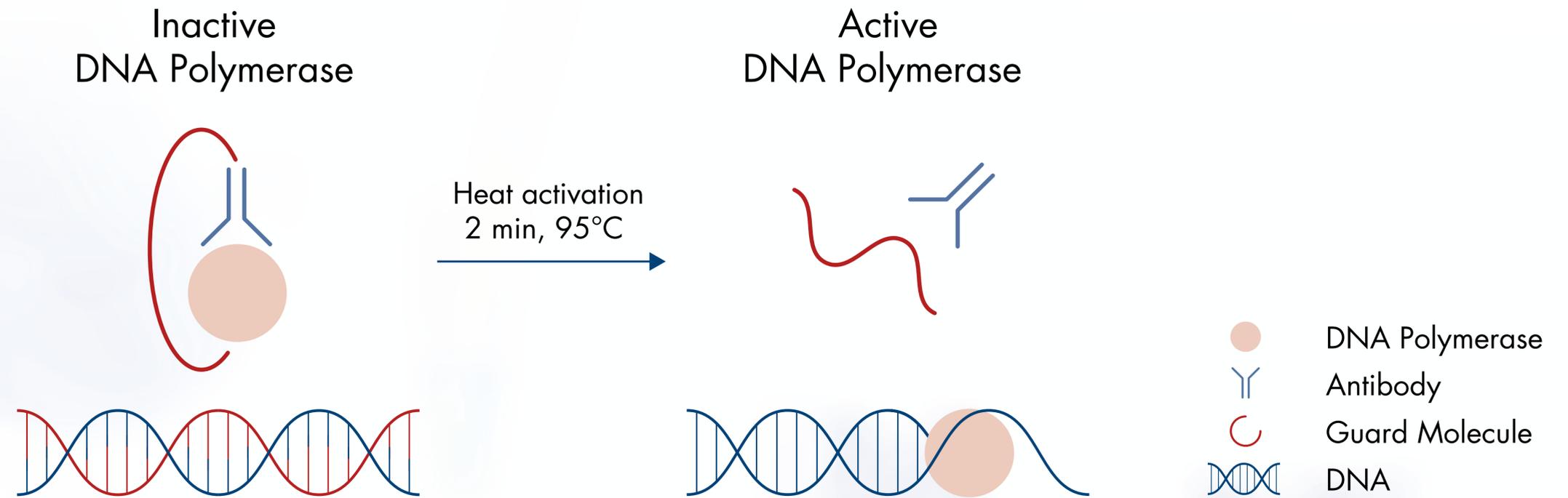


Download
Quick-Start
Protocol

- Unmatched throughput and speed with ultrafast cycling
- Optimized protocols for 16S/18S and standard multiplex PCR available

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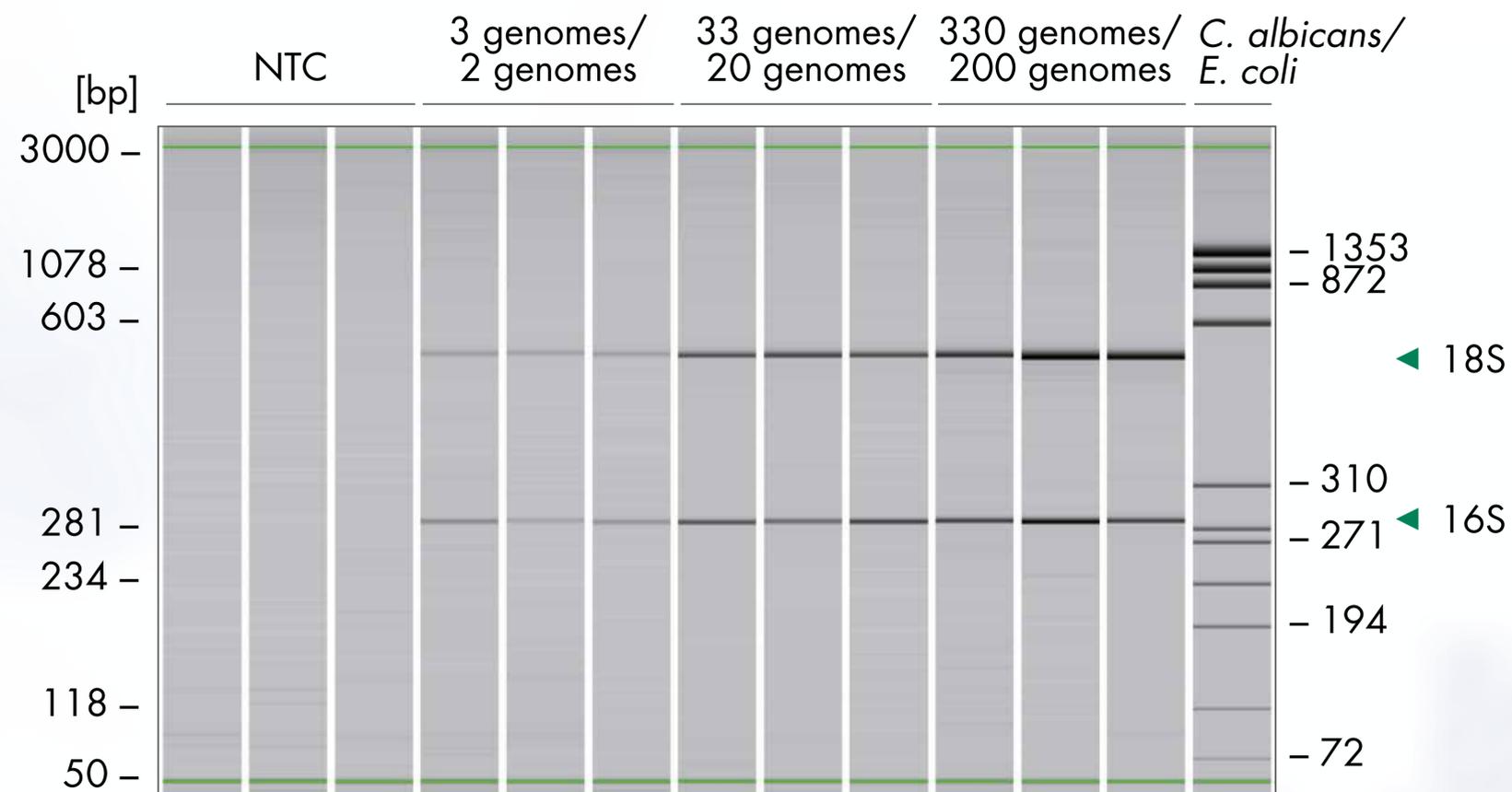
True, room-temperature setup with Guard-protected hot start



Our stringent hot start prevents primer dimer formation and extension of non-specific products

Ultra-Clean reagents for sensitive detection with no background

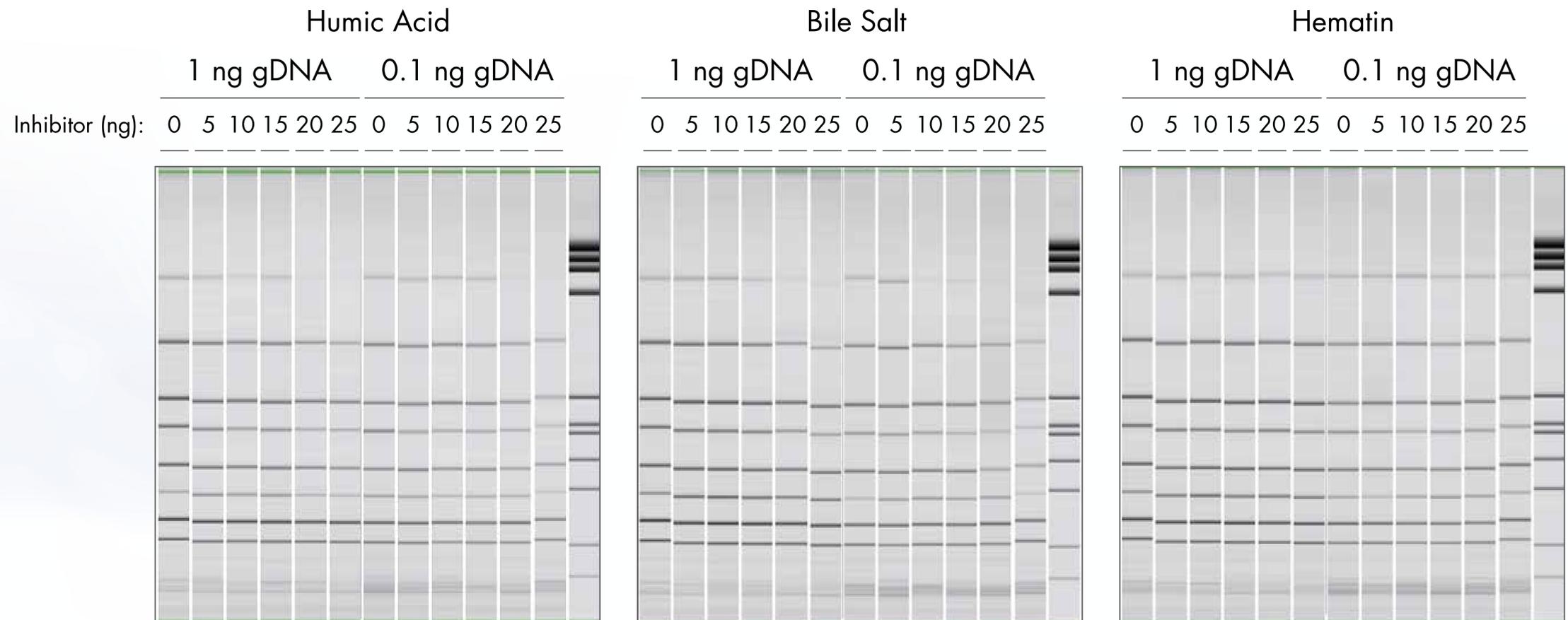
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No background detected in NTC with Ultra-Clean reagents

Superior resistance to common PCR inhibitors

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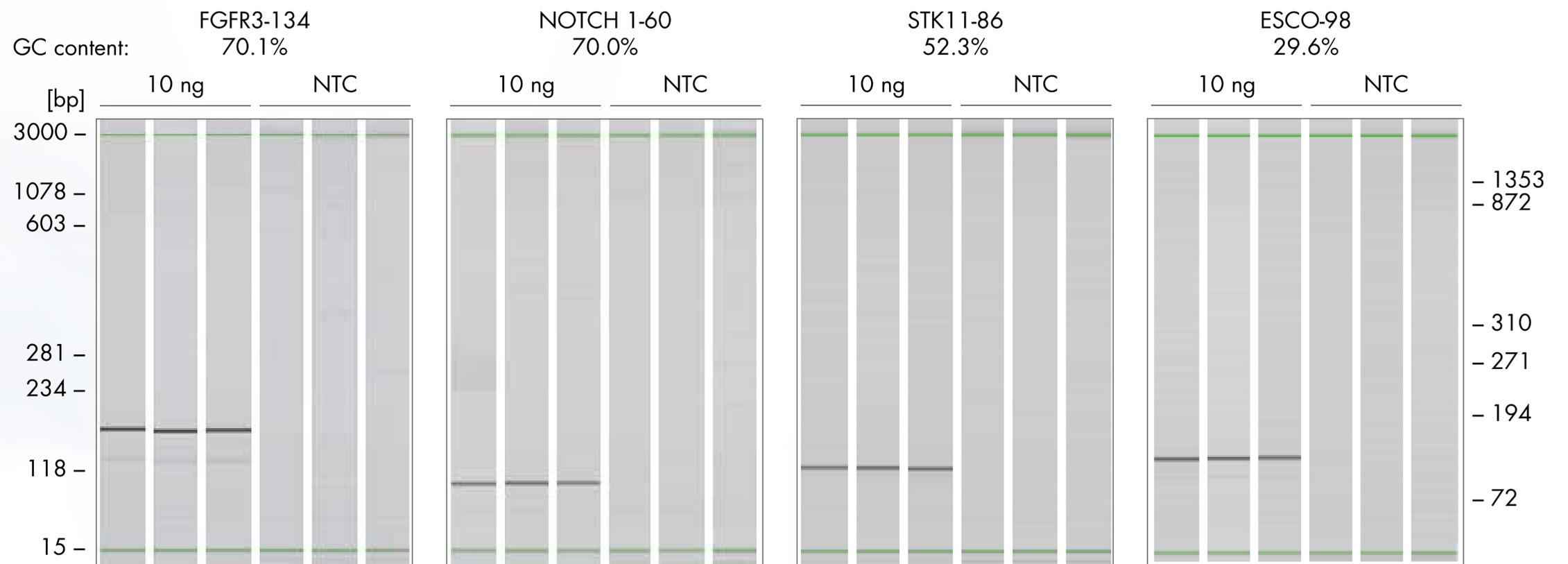
PCR resistance to different inhibitors common to specific sample material with different modes of action was tested: Humic acid (soil), bile salts (stool), hematin (blood).



Reliable inhibitor-resistant amplification regardless of sample type

Amplify your most challenging targets with no optimization required

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

Superior sensitivity compared to competitors

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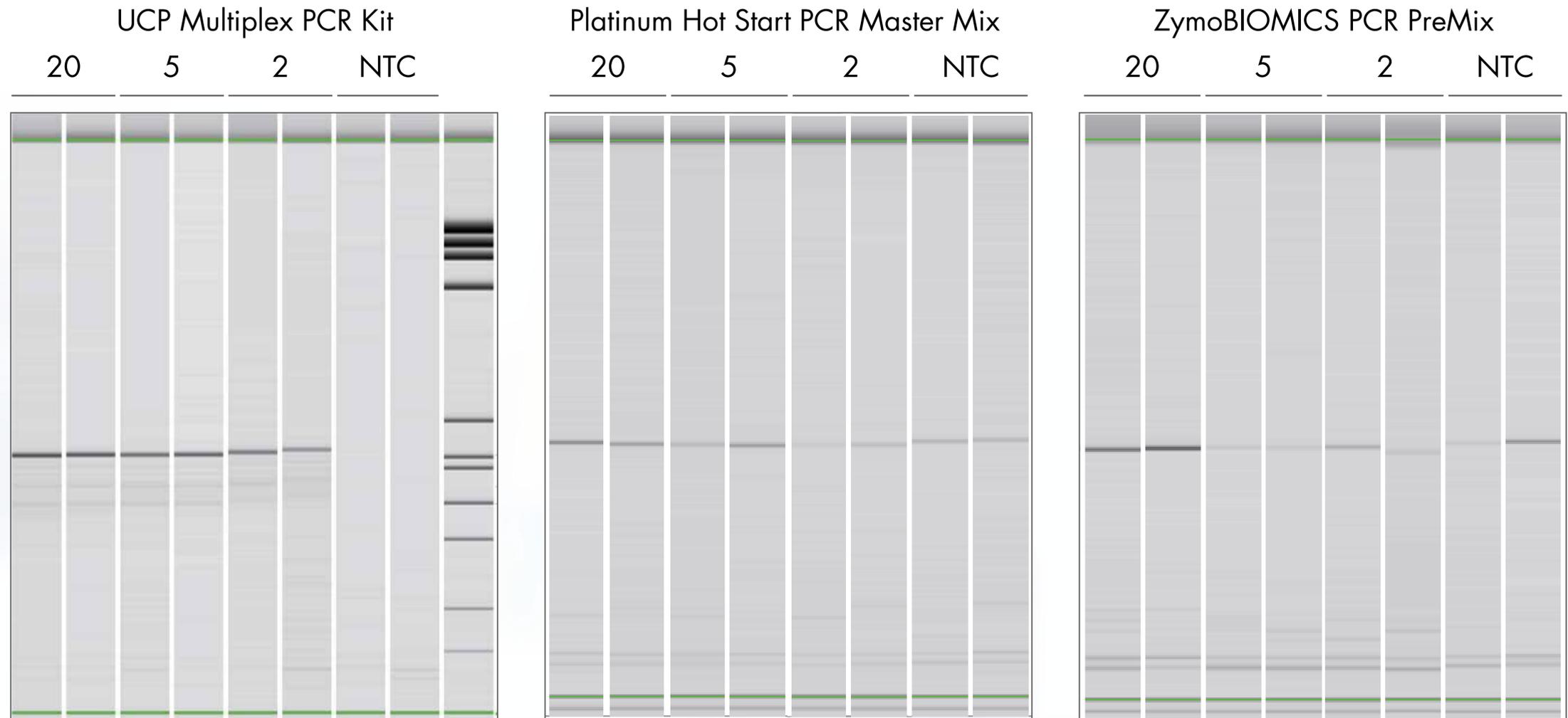
Sensitive Detection

Superior Inhibitor Resistance

Amplify up to 70% GC

Superior to Competitors

Ordering Information



16S sequences from 20, 5 and 2 *E. coli* genome equivalents were amplified.



Reliably amplify low input amounts with no background

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Product	Description	Cat. no.
<u>UCP Multiplex PCR Kit (100)</u>	For 100 x 20 µl PCR reactions: 1 x 500 µl UCP Multiplex PCR Master Mix (4x), 1 x 200 µl UCP Template Tracer (25x), 1 x 50 µl UCP Master Mix Tracer (125x), 1 x 1.9 ml UCP Water	206742
<u>UCP Multiplex PCR Kit (500)</u>	For 500 x 20 µl PCR reactions: 5 x 500 µl UCP Multiplex PCR Master Mix (4x), 2 x 200 µl UCP Template Tracer (25x), 1 x 50 µl UCP Master Mix Tracer (125x), 5 x 1.9 ml UCP Water	206744

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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