

QuantiNova Multiplex PCR Kit

For ultrafast, multiplex real-time PCR with integrated controls

Overview

Procedure

Stringent hot start

Accurate quantitation

Sensitive detection

Detect up to 6 targets

Long-term reaction stability

Ordering information



Ultrafast procedure with built-in pipetting control

Overview

Procedure

Stringent hot start

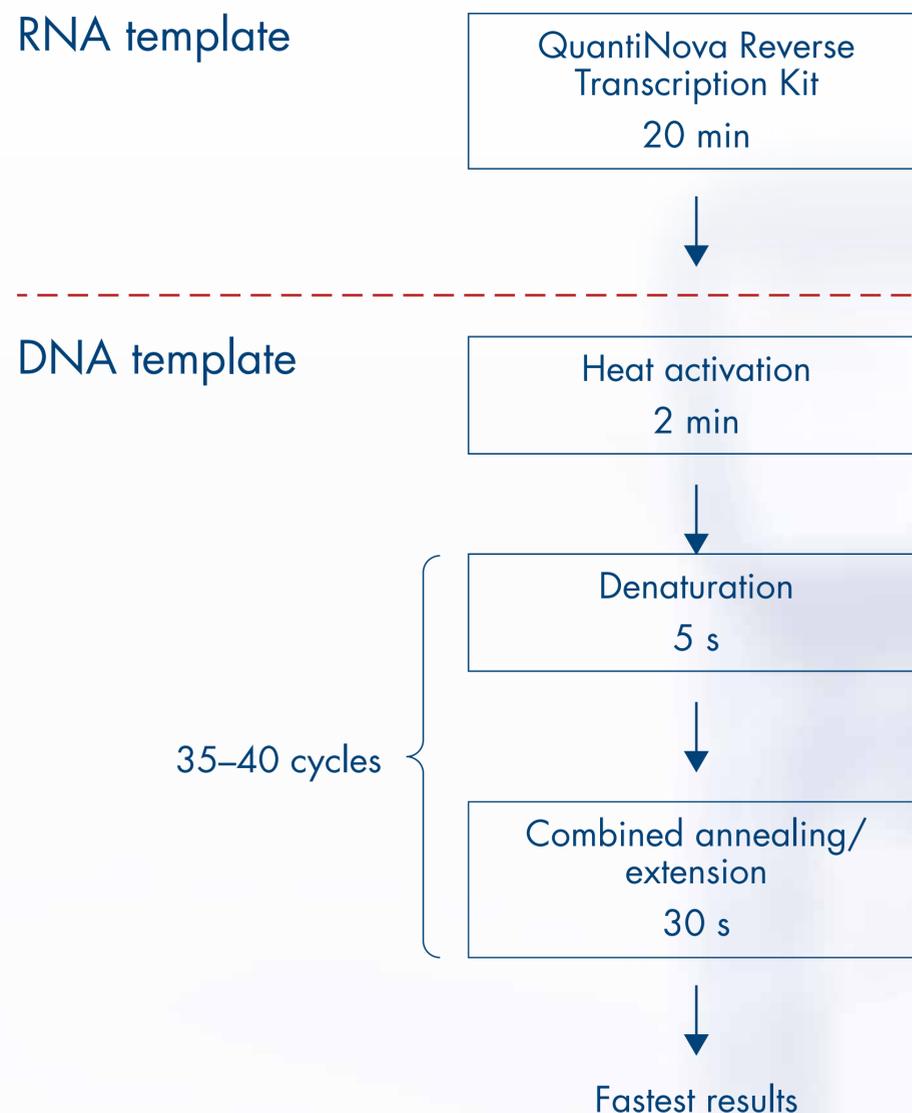
Accurate quantitation

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Download
Quick-Start
Protocol

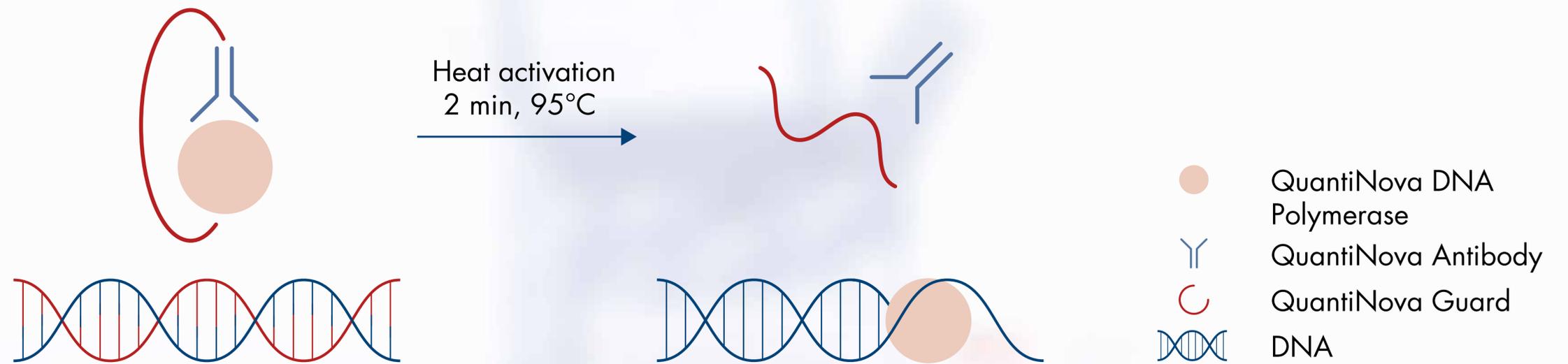
- Unmatched throughput and speed with ultrafast cycling
- Color change verifies accurate reaction setup

True, room-temperature setup with antibody-mediated hot start

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Inactive QuantiNova DNA Polymerase

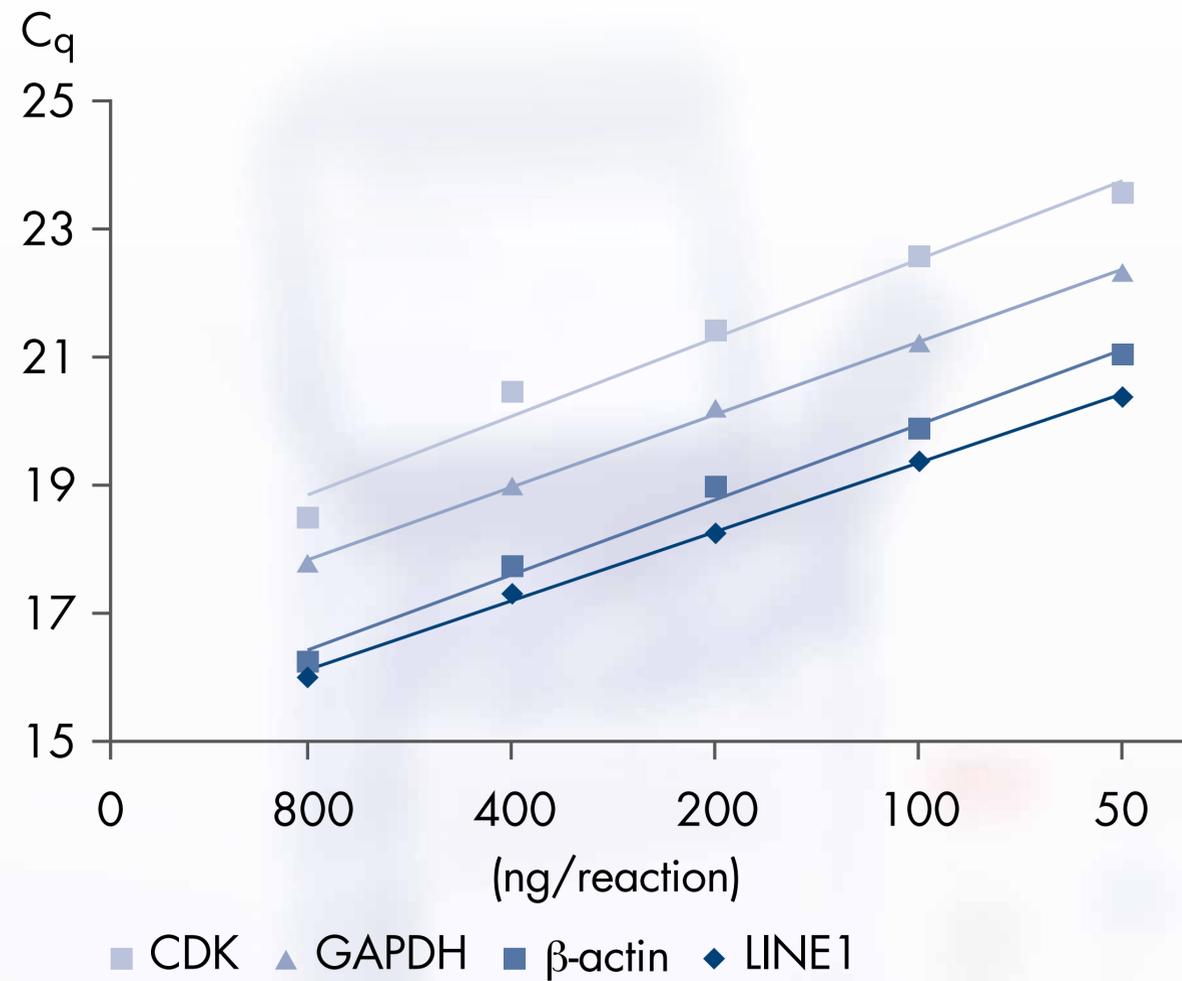
Active QuantiNova DNA Polymerase



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

Linear detection of up to 800 ng of template

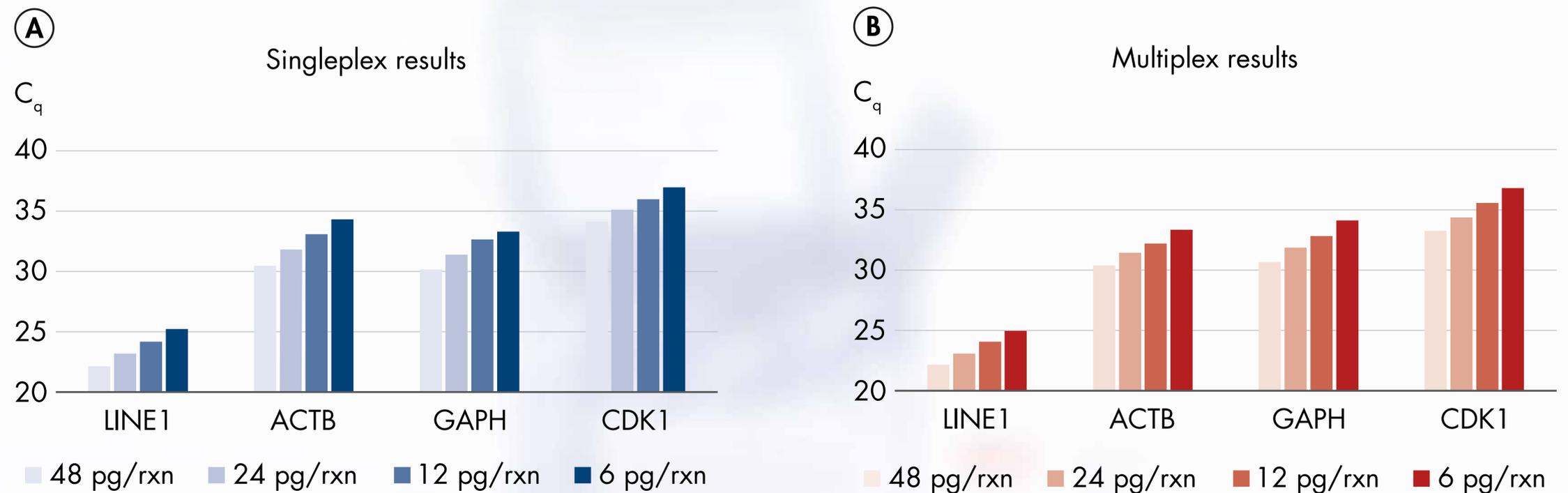
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✓ Robust detection of all targets and of very high cDNA input amounts

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Comparable singleplex and 4-plex detection



✓ Sensitive singleplex and 4-plex PCR – even with low input gDNA

Reliably detect 6 targets in one reaction

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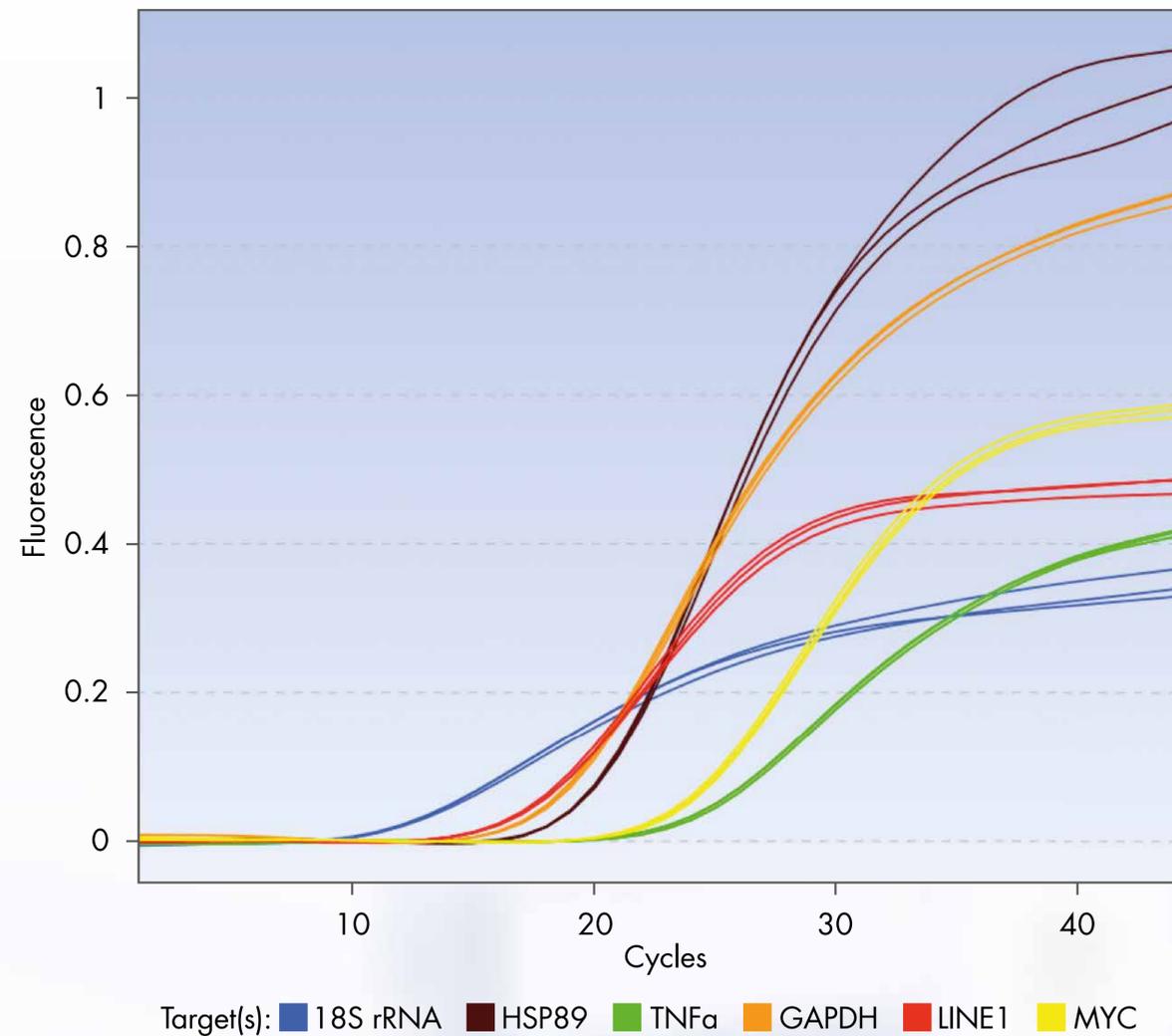
Sensitive detection

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Amplification plot as displayed in Q-Rex software



The QuantiNova Multiplex PCR Kit reliably detects 6 targets simultaneously

Up to 8 hours room-temperature stability

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Accurate quantitation

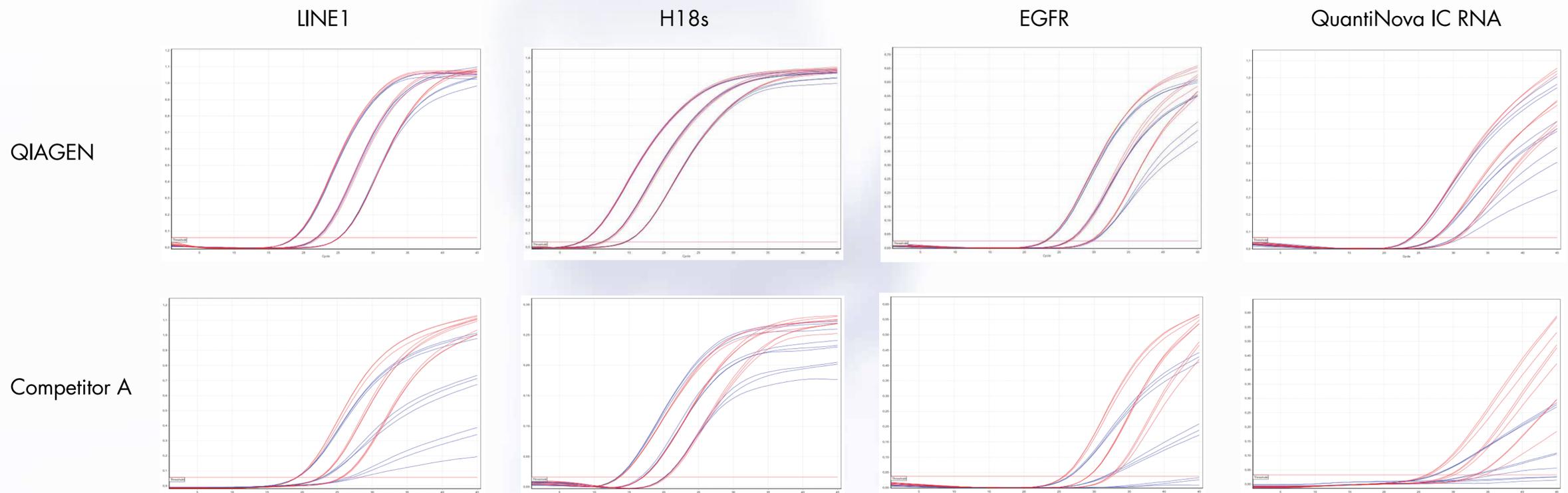
Sensitive detection

Detect up to 6 targets

Long-term reaction stability

Ordering information

Red curves: without incubation at room-temperature
Blue curves: after an 8 hour incubation at room-temperature



Four-plex reactions were run with the QuantiNova Multiplex PCR Kit and a competitor kit before and after an 8 hour incubation at room-temperature.



Extremely stable at room-temperature

Ordering Information

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Product	Description	Cat. no.
<u>QuantiNova Multiplex PCR Kits (100)</u>	For 100 x 20 µl reactions: 500 µl QuantiNova Multiplex PCR Master Mix, 500 µl yellow template dilution buffer, 250 µl ROX reference dye, 1.9 µl RNase-Free Water	208452
<u>QuantiNova Multiplex PCR Kits (500)</u>	For 500 x 20 µl reactions: 2 x 1.3 ml QuantiNova Multiplex PCR Master Mix, 500 µl yellow template dilution buffer, 1 ml ROX reference dye, 3 x 1.9 µl RNase-Free Water	208454
<u>QuantiNova Multiplex PCR Kits (2500)</u>	For 2500 x 20 µl reactions: 10 x 1.3 ml QuantiNova Multiplex PCR Master Mix, 2 x 500 µl yellow template dilution buffer, 5 x 1 ml ROX reference dye, 20 x 1.9 µl RNase-Free Water	208456

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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