GoTaq® Real-Time qPCR and RT-qPCR Systems for Dye-Based Detection

The **GoTaq® qPCR Master Mix** is a ready-to-use 2X master mix for use in real-time quantitative PCR (qPCR and RT-qPCR). The system contains BRYT Green® dye, a novel fluorescent DNA-binding dye with minimal PCR inhibition for maximum PCR efficiency and greater fluorescence enhancement upon binding to double-stranded DNA (dsDNA) than SYBR® Green I. Containing the GoTaq® Hot Start Polymerase, optimized buffer and proprietary dye, the GoTaq® qPCR Master Mix provides robust real-time PCR with earlier quantification cycle values and broad range detection for increased reliability, reproducibility and s...

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Learn more about the Helix program

Prices valid for US customers only

PRODUCT	SIZE	CONC.	CATALOG #	*LIST PRICE	ORDER QTY	
GoTaq® qPCR Master Mix Protocol MSDS Components Add to Helix	200 × 50µl reactions	-	A6001	$ 332.00		Add to cart
GoTaq® qPCR Master Mix Protocol MSDS Components Add to Helix	1,000 × 50µl reactions	-	A6002	$ 1,330.00		Add to cart
GoTaq® 2-Step RT-qPCR System Protocol MSDS Components Add to Helix	50 × 20µl RT reactions + 200 × 50µl qPCR reactions	-	A6010	$ 479.00		Add to cart
GoTaq® 1-Step RT-qPCR System Protocol MSDS Components Add to Helix	200 × 50µl reactions	-	A6020	$ 582.00		Add to cart

Available Separately

PRODUCT	SIZE	CONC	CATALOG #	*LIST PRICE	ORDER QTY.	
CXR Reference Dye MSDS Components Add to Helix	100µl	-	C5411	$ 22.00		Add to cart

You Also May Be Interested In

GoTaq® Hot Start Polymerase

GoScript™ Reverse Transcription System

Maxwell® 16 LEV simplyRNA Purification Kits

QuantiFluor® RNA System

Storage Conditions

Upon arrival, store all components at –30 to –10°C, protected from light. For immediate use, components may be stored at 2–8°C, protected from light, for up to 3 months.

For product intended use please see Patents & Disclaimers tab.

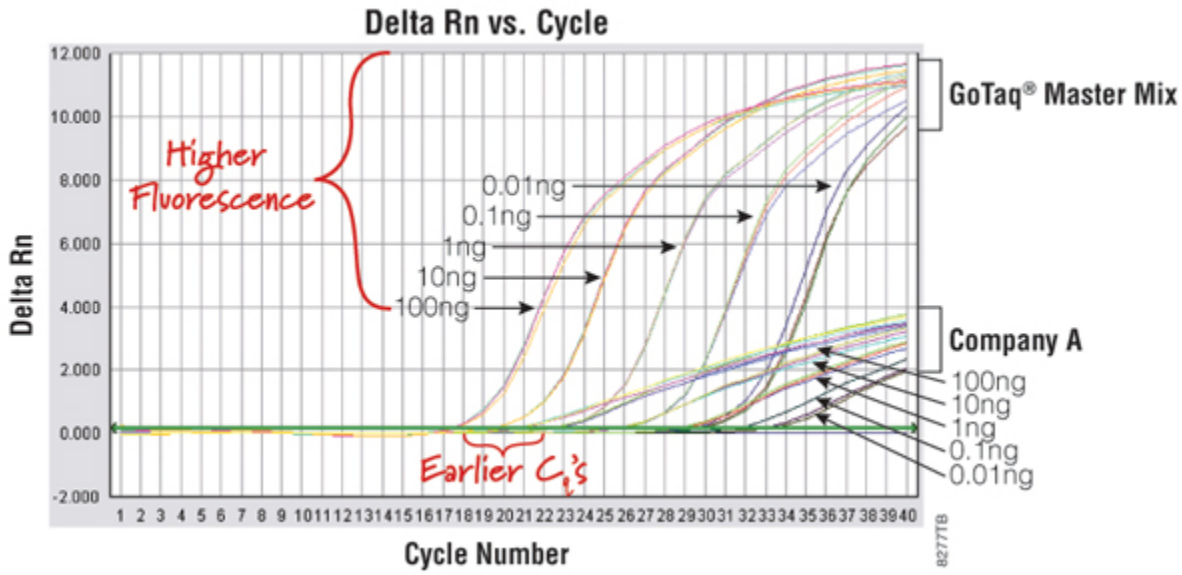

Figure 1. Performance comparison of GoTaq® qPCR Master Mix and company A's master mix.

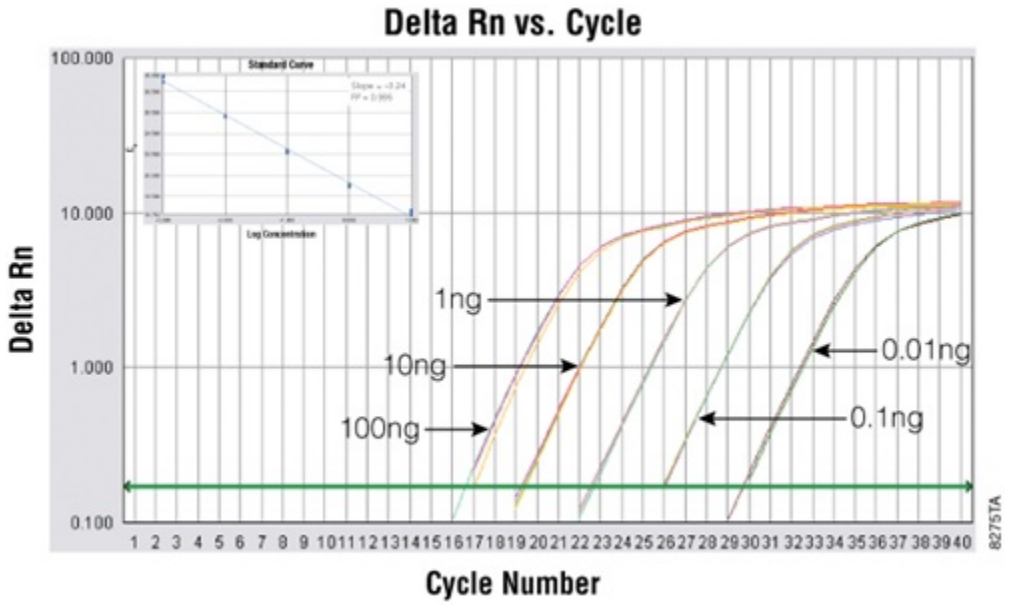

Figure 2. qPCR with single-copy detection. The GAPDH gene was amplified and detected from tenfold serial dilutions (0.01ng to 100ng) of human genomic DNA. Inset shows the standard curve for the various dilutions (slope = 3.2; R^2 = 0.995).

Protocols

GoTaq® qPCR Master Mix Technical Manual

GoTaq® 2-Step RT-qPCR System Technical Manual

GoTaq® 1-Step RT-qPCR System Technical Manual

Articles

Getting the Best Results from Your RT-qPCR Assay

RNA Quantification Using the GoTaq® RT-qPCR Systems

From Basic to RT-qPCR DNA Amplification

Using GoTaq® qPCR Master Mix to Monitor Stem Cell Differentiation

Introducing GoTaq® qPCR Master Mix

Related Products

M-MLV Reverse Transcriptase

PureYield™ Plasmid Miniprep System

SV Total RNA Isolation System

Wizard® SV 96 and SV 9600 Plasmid DNA Purification Systems

Related Citations

Pin1 promotes GR transactivation by enhancing recruitment to target genes. 2013 *Nucl. Acids Res.* **41**, 8515–25.

PERP regulates enamel formation via effects on cell-cell adhesion and gene expression. 2011 *J. Cell Sci.* **124**, 745–54.

Product Selector

Amplification Product Selector

Scientific Posters

Introducing GoTaq qPCR Master Mix The Bright Choice for Dye-Based qPCR Scientific Poster

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Use Restrictions

A6001, A6002, A6010, A6020, C5411 For Research Use Only. Not for Use in Diagnostic Procedures.

Patents - Disclaimers

A6001, A6002, A6010, A6020 U.S. Pat. No. 6,242,235, Australian Pat. No. 761757, Canadian Pat. No. 2,335,153 and other patents and patents pending.

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