



Hieff™ qPCR Master Mix Series

Cited in about 8,000 papers

Cell, Nature, Science, Immunity.....



Hieff UNICON™ Universal Blue qPCR Master Mix (11184ES)

Draw a Perfect S-Curve

Features

01

ROX dye
Premixed

02

Traceable
blue dye

03

Support 46 min
fast procedures

04

High Sensitivity
LOD \leq 0.2 copy / μ L

Performance

01

High Resolution: Accurately distinguishes 2-fold differences in template concentration

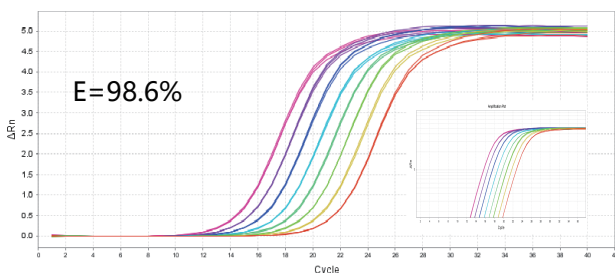


Figure 1. Hieff UNICON™ Universal Blue Master Mix has high accuracy and amplification efficiency. It can easily detect two-fold difference of IL23 gene abundance using a series of diluted plasmid as template.

02

Excellent Reproducibility: Consistent performance across 90 replicates

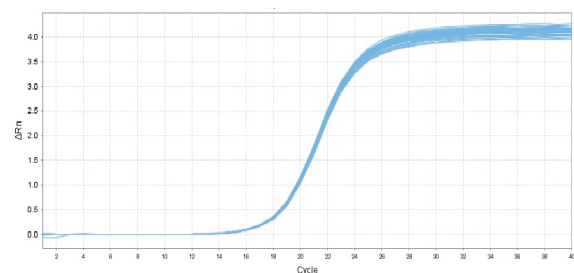


Figure 2. Hieff UNICON™ Universal Blue Master Mix has good reproducibility, the amplification curves of GAPDH gene of replicated experiments in 90 wells are highly overlapped, and the standard deviation of the Ct value is $<$ 0.2. Using 1 μ L of 293T cDNA as template.

03

Instrument Compatibility: Compatible with all qPCR platforms

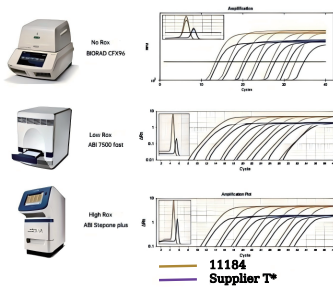


Figure 3. Hieff UNICON™ Universal Blue Master Mix (Cat#11184) is compatible with all qPCR platforms. Compared with supplier T*, 11184ES shows earlier Ct values. The IL23R gene was amplified using 2 μL of tenfold serially diluted plasmid templates.

04

High Sensitivity: Detects down to a single copy

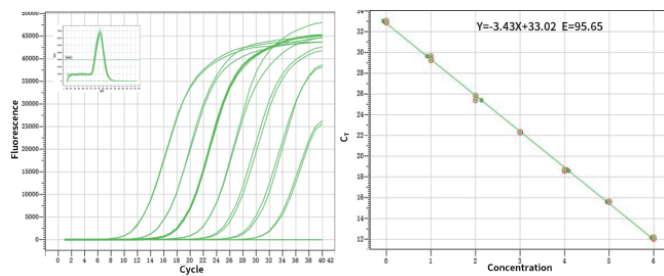


Figure 4. Hieff UNICON™ Universal Blue Master Mix enables efficient detection across seven orders of magnitude with high amplification efficiency and excellent linearity. The human IL23R gene was amplified using 2 μL of plasmid templates ranging from 10⁶ to 10⁰ copies.

Ordering Information

Name	Catalog No.	Size
Hieff UNICON™ Universal Blue qPCR Master Mix	11184ES08	500 T (5× 1mL)
Hifair™ Advanced One Step RT-qPCR Kit	11175ES60	200 T
Hifair™ AdvanceFast 1st Strand cDNA Synthesis SuperMix for qPCR (gDNA digester plus)	11155ES	100 T
MolPure Cell/Tissue Total RNA Kit	19221ES50	50 T

Publication

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- [5] Dong W, Zhu Y, Chang H, et al. **Nature**. 2021;589(7843):586-590. (IF=69.504)
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- [16] Gong Q, Wang YJ, He LF, et al. **Nature**. 2023, 622:139–148 (2023)(IF=69.504)

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