

PerfeCta[®] SYBR[®] Green SuperMix/FastMix[®]

Sensitive and precise DNA amplification with SYBR-based quantification

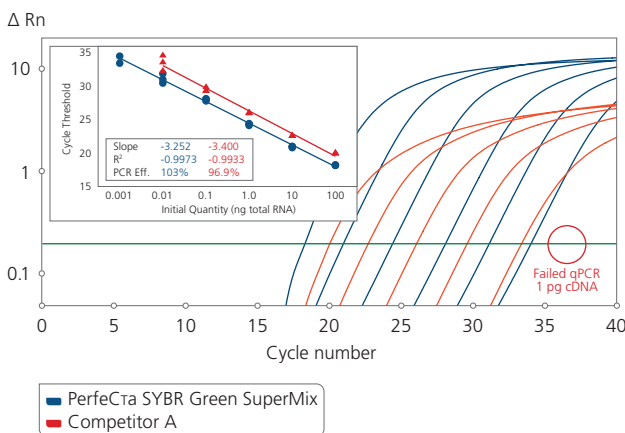
FEATURES & BENEFITS:

- 2x concentrated reagents minimize pipetting steps, simplify reaction assembly and improve accuracy
- Superior assay sensitivity and specificity with ultrapure AccuStart enzyme technology – maximum-yielding *Taq* DNA polymerase mutant controlled by stringent, multi-epitope antibody hot start
- Supports efficient vortex mixing with proprietary anti-foaming formulation
- FastMix formulation supports both fast and standard thermal cycling conditions
- SuperMix version provides maximum dye concentration for robust optical signal with small amplicons (i.e. microRNAtemplated cDNA)

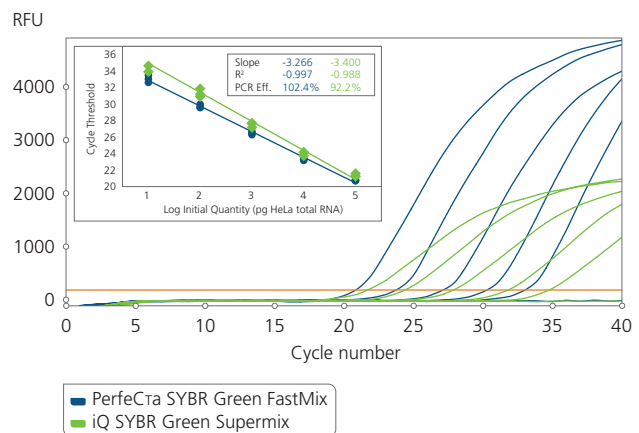
DESCRIPTION:

Specific target amplification is essential for precise target quantification with SYBR Green I technology since this dye binds to all dsDNA generated during amplification. PerfeCta SYBR Green SuperMix and FastMix ensure specific primer extension products with ultra-pure AccuStart hot start technology and proprietary formulation that reduces potential for primer-dimer and other non-specific artifacts.

Single-tube reagents are 2x concentrated ready-to-use reaction cocktails containing all necessary components, except primers and DNA template for quantitative PCR. Proprietary formulation stabilizes SYBR Green I dye to deliver maximum efficiency, sensitivity, and robust fluorescent signal. Store refrigerated (4°C) for up to 6 months, protected from light or $\leq -20^{\circ}\text{C}$ for up to one year. Reagent performance is not affected by repetitive freeze-thawing.



PKCA target amplified from log-fold serial dilutions of qScript synthesized cDNA from HeLa cell total RNA (100 ng – 1 pg) with either PerfeCta SYBR Green SuperMix or Power SYBR Green PCR Master Mix.



ADAR target amplified from log-fold serial dilutions of qScript synthesized cDNA from HeLa cell total RNA (100 ng – 10 pg) with either PerfeCta SYBR Green FastMix or iQ SYBR Green Supermix.

ORDER INFO

Product Name	Quantabio Catalog Number	Size
PerfeCта SYBR Green FastMix for iQ - 250 R	95071-250	2 x 1.25 ml
PerfeCта SYBR Green FastMix for iQ - 1250 R	95071-012	10 x 1.25 ml
PerfeCта SYBR Green FastMix for iQ - 5000 R	95071-05K	1 x 50 ml
PerfeCта SYBR Green FastMix - 250 R	95072-250	2 x 1.25 ml
PerfeCта SYBR Green FastMix - 1250 R	95072-012	10 x 1.25 ml
PerfeCта SYBR Green FastMix - 5000 R	95072-05K	1 x 50 ml
PerfeCта SYBR Green FastMix, ROX - 250 R	95073-250	2 x 1.25 ml
PerfeCта SYBR Green FastMix, ROX - 1250 R	95073-012	10 x 1.25 ml
PerfeCта SYBR Green FastMix, ROX - 5000 R	95073-05K	1 x 50 ml
PerfeCта SYBR Green FastMix, Low ROX - 250 R	95074-250	2 x 1.25 ml
PerfeCта SYBR Green FastMix, Low ROX - 1250 R	95074-012	10 x 1.25 ml
PerfeCта SYBR Green FastMix, Low ROX - 5000 R	95074-05K	1 x 50 ml
PerfeCта SYBR Green SuperMix for iQ - 250 R	95053-100	2 x 1.25 ml
PerfeCта SYBR Green SuperMix for iQ - 1250 R	95053-500	10 x 1.25 ml
PerfeCта SYBR Green SuperMix for iQ - 5000 R	95053-02K	1 x 50 ml
PerfeCта SYBR Green SuperMix - 250 R	95054-100	2 x 1.25 ml
PerfeCта SYBR Green SuperMix - 1250 R	95054-500	10 x 1.25 ml
PerfeCта SYBR Green SuperMix - 5000 R	95054-02K	1 x 50 ml
PerfeCта SYBR Green SuperMix, ROX - 250 R	95055-100	2 x 1.25 ml
PerfeCта SYBR Green SuperMix, ROX - 1250 R	95055-500	10 x 1.25 ml
PerfeCта SYBR Green SuperMix, ROX - 5000 R	95055-02K	1 x 50 ml
PerfeCта SYBR Green SuperMix, Low ROX - 250 R	95056-100	2 x 1.25 ml
PerfeCта SYBR Green SuperMix, Low ROX - 1250 R	95056-500	10 x 1.25 ml
PerfeCта SYBR Green SuperMix, Low ROX - 5000 R	95056-02K	1 x 50 ml

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Quantabio products are intended for molecular biology applications. The products are not intended for the diagnosis, prevention or treatment of a disease.

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