



Product Insert

Catalog # YST0053, 2X Fast SYBR Green Real-Time qPCR Master Mix with ROX. Check our website for the various product sizes available.

Fast SYBR Green Real-Time qPCR Master Mix is a convenient SYBR Green dye-based PCR amplification and detection reagent in a single-tube format. This Master Mix contains SYBR Green I dye, DNA Polymerase, dNTPs, and optimized buffer.

Product Features:

- Fast SYBR Green I dye detects double-stranded DNA, so specific probes are not required
- Hot-Start DNA polymerase minimizes nonspecific product and primer-dimer formation
- Fast SYBR Green Real-Time PCR Master Mix can be used for fast PCR instruments to deliver results within 30 minutes.

Applications: DNA quantification by Real-Time PCR without using fluorescent probes and contains ROX for signal normalization.

Test Method for 20uL Reaction Volume:

Component	Volume, uL
2X Fast SYBR Green PCR Master Mix with ROX	10
20X Primer Mix	1
DNA Sample	2
Water	7
Total	20

Thermal Cycler Protocol with Dissociation Curve:

