

# SharkaTAQ™

## Hot Start Master Mix

### CONVENIENT PRE-MIXED FORMULATION SUPPLIED AT 2X CONCENTRATION



#### DESCRIPTION

A pre-mixed 2 x formulation of SharkaTAQ Hot Start DNA Polymerase requiring only the addition of primers, template and H<sub>2</sub>O. Enzyme supplied in an inactive state that has no polymerase activity at ambient temperatures due to a novel patent pending method.

Master Mix format reduces pipetting steps and risk of contamination, while increasing reproducibility and throughput. Provides high specificity, yield and sensitivity for use in everyday PCR applications.

#### APPLICATIONS

Multiplex PCR (reactions with multiple primers)

Complex genomic templates

Complex cDNA templates  
(e.g RT-PCR)

Very low-copy targets  
(e.g. single-cell PCR)

#### KIT COMPONENTS

Blend of SharkaTAQ Hot Start DNA polymerase + proof reading polymerase with 3' to 5' exonuclease activity supplied at 5 Units/ul

#### ORDERING INFORMATION

100 x 50 ul rxns (2.5 mls): \$125

200 x 50 ul rxns (5 mls): \$250

1000 x 50 ul rxns (25 mls): \$1,000

*Contact us for bulk discounting, institutional pricing & custom packaging.*

#### STORAGE & STABILITY

Stable for at least one year at -20°C. Avoid repeated freeze-thaw cycles. Aliquot into separate tubes and store at -20°C. Storage at 4°C is recommended only for periods of up to 1 week.

#### KEY FEATURES

2x Master Mix format – just add primers, template and H<sub>2</sub>O

Increased reproducibility and throughput, decreased risks of contamination

High specificity reduces potential for background amplifications

Robust enzyme ideal for many PCR applications

Fast, easy assembly at room temperature

Direct replacement for more expensive Hot Start Taq master mix kits

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