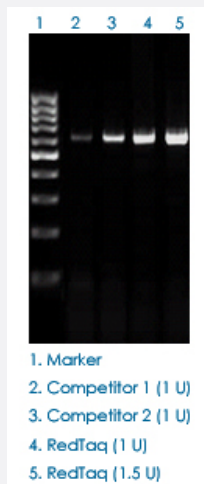


RedTaq DNA Polymerase

Catalog # D0012 Size 500 Units, 1000 Units, 2500 Units

Applications



Specification

Product Description

RedTaq DNA polymerase catalyzes the 5'-3' synthesis of DNA. The enzyme has been proven not to have the 3'-5' exonuclease activity. The enzyme has proven to have a high amplification yield, and be stable at high temperatures. The added inert dye will not have any interference with the reaction. Visual confirmation that the enzyme has been added and proper component mixing of the reaction has occurred. Samples can be loaded directly onto an agarose gel for electrophoresis with no loading dye addition.

Concentration

1 unit/uL

Quality Control Testing

Free of detectable, non-specific nucleases.

Supplied Product

10x reaction buffer

Storage Buffer

20 mM Tris-HCl (pH 8.0), 1 mM DTT, 0.1 mM EDTA, 100 mM KCl, 0.5% Nonidet P40, 0.5% Tween 20 and 50% glycerol.

Storage Instruction

Store at -20°C. Guaranteed stable for 6 months when properly stored.

Applications

- Polymerase Chain Reaction