



## High Activity Taq Red Polymerase

- Cost Effective Taq
- Robust PCR Performance Suited to a Wide Range of PCR Assays
- Leaves "A" Overhang
- Consistent Results
- Saves Time and Allows Direct Gel Loading
- Easy Visualization

High Activity Taq Red Polymerase is a thermostable DNA polymerase which can withstand prolonged incubations at high temperatures without significant decrease in enzyme activity. Taq is purified from *Thermus aquaticus* and is used in a wide range of molecular biology protocols. High Activity Taq Red contains an inert red dye which saves time in the PCR process by eliminating the need for the addition of gel loading buffer prior to electrophoresis.

Like other polymerase, Taq catalyzes the template-dependent polymerisation of nucleotides into duplex DNA in the 5'-3' direction. PHENIX High Activity Taq lacks 3'-5' exonuclease (proofreading) activity and possesses a low 5'-3' exonuclease activity. Taq reaction products contain 3' adenosine overhangs which are suitable for TA cloning.

PHENIX High Activity Taq Red Polymerase is compatible with a wide range of PCR Assays.

### Ordering Information

Cat No	Description	Unit	Price
DNP-100R	High Activity Taq Red Polymerase for PCR Assays	500u	\$95.00
DNP-200R	High Activity Taq Red Polymerase for PCR Assays	2500u	340.00

#### Other Taq Products with Red Loaded Dye

DNP-105R	2x Red Taq Mastermix (includes dNTPs, buffers & dye)	100 Rxns	\$55.00
DNP-205R	2x Red Taq Mastermix (includes dNTPs, buffers & dye)	500 Rxns	255.00

Both product groups available in non-loading dye versions.