

**Description:**

Maximo M-Superhot Taq DNA for qPCR and Hot-Start-PCR is an optimized mixture of a high processive Taq DNA Polymerase and special inhibitors to Taq DNA for real time PCR. The enzyme is a thermostable DNA polymerase that possesses a 5'→3' polymerase activity and a double-stranded specific 5'→3' exonuclease activity. The enzyme consists of a single polypeptide with a molecular weight of 94kDa. It is developed for real time PCR or as basis enzyme for real time PCR diagnostics systems.

**Features:**

Maximo M-Superhot Taq DNA Polymerase for qPCR is designed for Real-Time PCR and Hot-start PCR. A special inhibitor suppresses the reaction at room temperature until after the first denaturation step. This prevents primer-dimers and other artefacts. Using the enzyme there is no need to adjust the existing standard PCR protocol.

**Order Information**

Prod. No.	Description	Quantity
S9105	Maximo M-Superhot Taq DANN Polymerase	200 Units
S9106	Maximo M-Superhot Taq DANN Polymerase	1000 Units
S9107	Maximo M-Superhot Taq DANN Polymerase	1x 5000 Units