



# MegaMix- Royal

**Double concentrated HotStart PCR mix, containing optimised mixture of *Taq* polymerase, anti-*Taq* polymerase monoclonal antibodies in 2 x Reaction Buffer (6 mM MgCl<sub>2</sub>) with 400 μM dNTPs, Stabiliser and Blue loading dye**

Thaw the **MegaMix~Royal**

Take out the desired volume into the PCR tube (e.g. 12.5 μl for 25 μl PCR)

Add equal volume of DNA template and primers

Overlay with mineral oil if necessary

Place in Thermal Cycler

Run cycling profile according to application

**Initial denaturation step at 95°C for 5 mins is needed to activate the *Taq* polymerase**

After PCR, samples can be loaded direct onto the agarose gel. **NO GEL LOADING BUFFER REQUIRED**

Refreeze the rest of the **MegaMix~Royal**. It can be frozen/thawed many times without loss of activity

