

# PROTOCOL

## MegaMix-Royal Double concentrated HotStart PCR mix



Part Number:	2MMR
Version:	1.0
Storage:	Store -20°C
Batch Number:	Marked on tube

Supplied as a blue solution in multiple of 1 ml aliquots

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, blue agarose loading dye & stabilizer

### Protocol

Thaw the MegaMix-Royal

Add the desired volume (12.5 µl or less) into the PCR tube\*

Add equal volume of DNA, primers, (fluorescence dye/probe) and water

Place in Thermal Cycler

Run cycling profile according to application

An 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

### Related Products

microCLEAN = The easy way to clean-up your PCR fragments

Just Water = Molecular grade water in handy sizes