

# microzone



## Blue MegaMix-Double

### Double concentrated PCR mix

Containing *Taq* polymerase (recombinant) in 2x reaction buffer (5 mM MgCl<sub>2</sub>) with 400 µM dNTPs, blue agarose loading dye & stabiliser

#### For instant and accurate PCRs

#### Protocol

Thaw the Blue MegaMix-Double

Add the desired volume (25 µl or less) into the PCR tube\*

Add DNA, primers and water of total equal volume to Blue MegaMix-Double

Overlay with mineral oil if necessary

Place in a Thermal Cycler

#### Cycling profile (guide only)

Initial denaturation step: 95°C for 3 mins

Then cycle 25 - 30 times:

Step 1: 95°C for 30 secs

Step 2: Optimal annealing temp. of primers for  
30 to 60 secs

Step 3: 72°C for 45 to 60 secs

Cool to room temperature

A genuine Microzone product, made in the UK

After PCR, samples can be loaded direct onto the agarose gel

#### **NO GEL LOADING BUFFER REQUIRED**

\*Refreeze the rest of the Blue MegaMix-Double. It can be frozen/thawed many times without loss of activity

#### Related Products

**100 bp DNA ladder** = An agarose size standard supplied 'ready to load'  
in room temperature stable loading buffer

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

**Just Water** = Molecular grade water in handy sizes

**Supplied as a blue solution in multiple of 0.5 ml aliquots**  
**Store at -20°C**

**For Research Only**