

# microzone

## MegaMix

Ready to use PCR mix

Containing *Taq* polymerase (recombinant) in 1.1x reaction buffer (2.75 mM MgCl<sub>2</sub>) with 220 μM dNTPs & stabiliser

**For instant and accurate PCRs**

### Protocol

Thaw the MegaMix

Add the desired volume (47 μl or less) into the PCR tube\*

Add DNA (1 to 2 μl) and primers (0.5 to 1 μl of each from ~10 μM stock)

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*

\*Refreeze the rest of the MegaMix. 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

Store at -20°C

Supplied as a clear solution in multiple of 1 ml aliquots  
For Research Only