

microzone

MegaMix-Royal

Double concentrated elite PCR mix w/blue agarose loading dye

Containing all the core components needed to amplify DNA swiftly and reliably

i.e. optimum amount of chemically modified *Taq* polymerase in 2x enhancing buffer (6 mM MgCl₂) with 400 μM dNTPs, blue MiZN loading dye & stabiliser. Since the *Taq* is inactive until denaturation of the DNA is achieved, non-specific annealing of primers or formation of primer-dimers is avoided.

Also for that reason samples do not need to be set-up on ice.

Protocol

Thaw the MegaMix-Royal

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

Add equal volume of DNA, primers 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

A genuine Microzone product, made in the UK

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

Related Products

microFORCE = Enhancing buffer for the amplification of GC rich DNA templates

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 blue solution in multiple of 1 ml aliquots
For Research Only**