

MegaMix-Blue

Ready to use PCR mix

Containing *Taq* polymerase (recombinant) in 1.1x reaction buffer (2.75 mM MgCl₂) with 220 µM dNTPs, blue agarose loading dye & stabiliser

For instant and accurate PCRs

Protocol

Thaw the MegaMix-Blue

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

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

NO GEL LOADING BUFFER REQUIRED

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

Related Products

100bp 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 1 ml aliquots
Store at -20°C

For Research Only