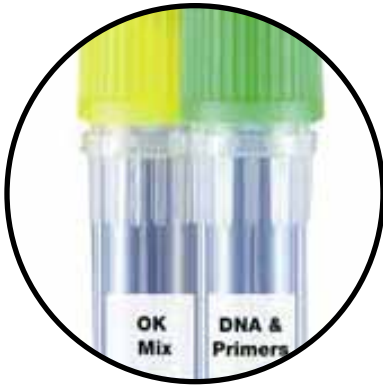


PROTOCOL

Thermocycle Testing Kit



Part Number: 20K-100
Version: 1.0
Storage: Store @ -20°C
Batch Number: Marked on tube

Tube 1: OK Mix

Volume: 2 x 1.25 ml
Color of Lid: Yellow

Tube 2: DNA/Primers

Volume: 250 µl
Color of Lid: Green

Protocol:

1. Transfer 23 µl of OK mix (**Tube 1**) into the PCR tube. Add 2 µl DNA/Primers* (**Tube 2**).
2. Overlay with mineral oil if necessary.
3. Place in a Thermal Cycler.

Cycling Profile:

Initial denaturation step: 95°C for 3 mins

Then cycle 25 to 30 times:

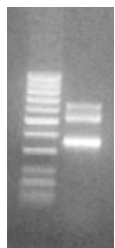
Step 1: 95°C for 30 secs

Step 2: 65°C for 60 secs

Step 3: 72°C for 60 secs

After cycling, load 10 µl onto 1.7% agarose gel and electrophorese alongside a 100 bp DNA ladder.

* Or add all of the DNA/Primers to the OK mix. Use as needed and freeze the rest. This mixture is stable whilst kept cold.



Expected fragment sizes:

350 bp, 550 bp and 650 bp.

The 350 bp fragment should be the brightest, then the 550 and then the 650 bp.