

# microzone

## microLYSIS®

Go from cells to PCR in less than 15 mins!

### Protocol

Resuspend cell pellet in 20 µl microLYSIS or mix 1 µl cells with 19 µl\* microLYSIS  
Overlay with mineral oil if necessary  
Place in a Thermal Cycler

### Lysis profile

Step 1: 65°C for 5 mins  
Step 2: 96°C for 2 mins  
Step 3: 65°C for 4 mins  
Step 4: 96°C for 1 mins  
Step 5: 65°C for 1 mins  
Step 6: 96°C for 30 secs  
Step 7: 20°C hold

*A genuine Microzone product, made in the UK*

After lysis, all of the microLYSIS / DNA mixture can be used directly in PCR. Alternatively, the mixture can be stored at -20°C for future use. For the amplification of bacterial/plasmid DNA, 1 to 3 µl of the microLYSIS / DNA mixture is usually sufficient

\*Other ratios of microLYSIS:cells (e.g. 2:18 or 3:17) may be preferred

**Note:** microLYSIS is a complex solution which releases (does not purify) the DNA from the cells. Estimation of DNA yield after lysis can therefore not be done using a spectrophotometer

### Related Products

**MegaMixes** = Clear or blue PCR mixes for instant and accurate PCRs

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

**BetterBase** = Enhance/dilution buffer for sequencing

Supplied as a clear solution in multiple of 1 ml aliquots  
Store at +4°C

For Research Only