

Take The Headache Out Of PCR Optimisation With...

MegaMixes

A Specially Formulated PCR Mix For Every Occasion

MegaMix

A ready-to-use PCR master mix containing recombinant Taq polymerase. A typical 50 μ l MegaMix reaction has a final concentration of 2.5 mM $MgCl_2$ and contains 1 unit of Taq along with all the other fixed components needed – high purity dNTPs, reaction buffer and a superb enzyme stabiliser.

Optimise up to 60 primer sets in one go with minimal adjustments to your protocol.

MegaMix-Blue

This has all the advantages of MegaMix but also incorporates a blue dye, allowing easy visualisation and eliminating the need for additional gel loading buffers. The dye does not inhibit restriction enzymes or ligases and does not fluoresce at the wavelengths used by automated DNA sequencers. Therefore it doesn't interfere with the usefulness of the PCR – just makes it more convenient to use.

MegaMix-Gold

The first of our elite mixes, MegaMix-Gold, is designed to help you succeed with even the most challenging PCR systems. It is supplied double concentrated and contains all the core components needed to amplify DNA swiftly and reliably. Designed to minimize background and maximize yield, **MegaMix-Gold is the champion of PCR mixes and is ideal for qPCR applications!**

ROX MegaMix-Gold

MegaMix-Gold is also available with either high or low concentration of ROX dye. These mixes are for machines which require ROX as a reference.

MegaMix-Royal

Our second elite mix, MegaMix-Royal, is a recalibration of MegaMix-Gold formulated to give you a second option. For convenience the same blue dye used with MegaMix-Blue is incorporated so you can load agarose gels straight away. It is supplied double concentrated and as with MegaMix-Gold offers highly consistent results even with challenging PCR systems. **Designed to minimize background and maximize yield, MegaMix-Royal is the king of PCR mixes and is best suited to multiplexing applications!**