

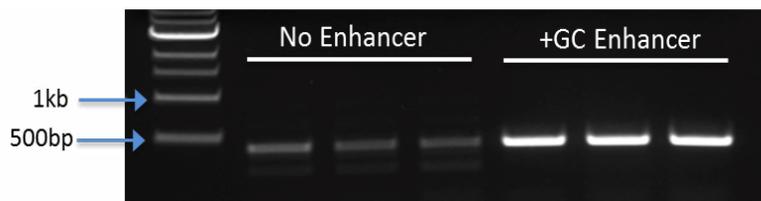
10X GC Enhancer

Enzymes and Reagents

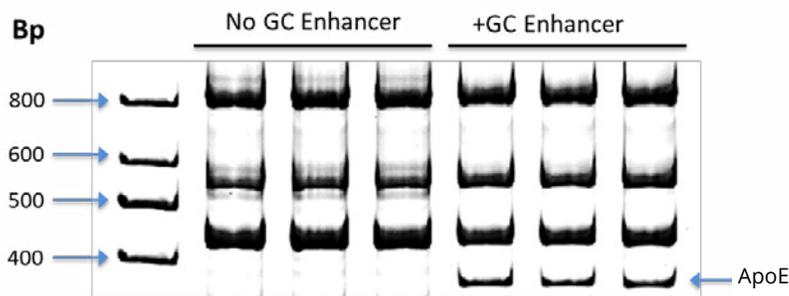
PCR | qPCR | RT | Kits | Oligonucleotides

Performance

Empirical's 10X GC Enhancer is a novel PCR cosolvent that enhances amplification of templates with up to 80% GC content. The 10X GC Enhancer is an excellent choice for multiplex reactions as it will overcome GC-rich targets without inhibiting other amplicons.



Empirical's 10X GC Enhancer in Singleplex. A GC-rich gene, ApoE, was amplified in singleplex with and without the 10X GC Enhancer. Using the 10X GC Enhancer, the fragment was correctly amplified without the multiple bands and primer dimers found when amplified without an enhancer.



Empirical's 10X GC Enhancer allows GC-rich genes such as ApoE to be amplified. Multiplex reactions were run in triplicate with and without the 10X GC Enhancer. The ApoE was successfully amplified with the 10X GC Enhancer, but not without.

Features

High GC Content

- Enhances amplification of templates $\geq 70\%$ GC.

Multiplex Reactions

- Enhances GC-rich performance without inhibiting other amplicons.

| Item Number | Units |
|-------------|-------|
| GCE-10-500 | 500 |

Related Products

- Taq DNA Polymerase
- FlashTaq™ DNA Polymerase
- Integrity High-Fidelity DNA Polymerase™
- AlloyTaq™ High-Fidelity DNA Polymerase
- Taq 2X MasterMix
- FlashTaq™ 2X MasterMix
- Taq 5X Multiplex MasterMix
- Multiplex MasterMix with GC Enhancer
- Taq 2X MeanGreen™ MasterMix
- FlashTaq™ 2X MeanGreen™ MasterMix