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

**Features**

- **High GC Content**
  - Enhances amplification of templates ≥70% GC.

- **Multiplex Reactions**
  - Enhances GC-rich performance without inhibiting other amplicons.

**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

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

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