



High Quality and Low Cost Life Science Reagents

5X PCR Enhancer

Cat. No.

Q 9911 (100 reactions)

Q 9912 (500 reactions)

Q 9913 (2000 reactions)

Store at -20°C (non-frost-free)

Description

PCR Enhancer is used in conjunction with DNA polymerases to optimize PCR of problematic and/or GC-rich templates. It improves the PCR amplification of difficult templates and increases the reliability and yield of many PCR targets. PCR Enhancer is supplied as 5x solution and can be easily added to the amplification reactions and cycling is performed using standard PCR.

Kit Size

| Component | 100 rxn | 500 rxn | 2000 rxn |
|-----------------|---------|---------|----------|
| 5X PCR Enhancer | 1 ml | 5 ml | 20 ml |

The PCR Enhance is supplied as a 5X concentrate and should be diluted for use.

Note: when using PCR Enhancer for the first time in a particular primer–template system, always perform parallel reactions with and without PCR Enhancer.

Quality Control

Each lot of the PCR Enhancer is evaluated in a functional PCR assay with AmpSure™ Taq DNA Polymerase and must demonstrate amplification of a 149-bp, (78.5% GC) trinucleotide repeat-containing sequence using 100 ng human genomic DNA as template.

Trademarks

AmpSure is trademark of RD Biosciences, Inc.

For research use only. Not intended for any animal or human therapeutic or diagnostic use