

Products	Cat #	Pack Size
20x Super Enhancer for PCR	GC-063-1000	0,5 ml

### DESCRIPTION

**SUPER ENHANCER** is a special concentrated additive for use in reactions involving a DNA polymerase, such as PCR, DNA sequencing and a reverse-transcription reaction.

**SUPER ENHANCER** provides an efficient PCR amplification of "difficult" templates and a dramatic improvement of reaction specificity.

**SUPER ENHANCER** is more efficient in PCR than conventional PCR enhancers such as DMSO and Betaine.

Concentrated **SUPER ENHANCER** is recommended for use with any DNA polymerases as a 10x – 20x additive, in other words the addition of 1/20 - 1/10 v/v of **SUPER ENHANCER** to reaction mixture provides a dramatic improvement of DNA polymerase reaction specificity and yield.

The advantages of **SUPER ENHANCER** can be especially revealed at the PCR-amplification of "difficult" templates such as GC-rich DNA sequences or templates with complex structure.

### CONCENTRATION

20 x

#### Successful PCR-amplification of difficult template with SUPER ENHANCER

A 700-bp DNA fragment was amplified from genomic DNA in presence of 1/10 v/v (lane 1) and 1/20 v/v (lane 2) SUPER ENHANCER. Lane 3 – PCR was performed under conventional conditions without extra additives

