

Product Information	
repliQa HiFi ToughMix	
Part Number	95200-500
Number of Reactions	500 reactions
Reaction Size	50 uL
Storage Temperature	-25°C to -15°C
Lot Number	66277962
Reference Number	511300
Expiration Date	01/31/2028

Product Description:

The repliQa HiFi ToughMix is a 2x, ready-to-use solution that contains all the components for high fidelity PCR amplification, including a genetically modified DNA polymerase coupled with hot start antibodies. This unique, next generation master mix provides 90x higher fidelity compared to Taq, while reducing time to PCR results by 2-3x. The extreme speed is enabled by extension times as fast as 1-10 kb/sec depending on target length. The enzyme is coupled with the industry leading ToughMix which is tolerant to a wide variety of inhibitors making it suitable for routine PCR, cloning, amplicon sequencing and site directed mutagenesis.

Component Part Numbers:

84642 repliQa HiFi ToughMix 12.50 mL

Product Specifications	
95200	
Assay	repliQa HiFi ToughMix Functional Assay
Result	Pass

Quality Control Analysis and Specifications:

The functionality of the repliQa HiFi ToughMix is evaluated in a PCR reaction to produce a single 4.1kb product from 20 ng of Human Genomic DNA, while also ensuring the negative control is free of visible product.

Limitations of Use

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This product was developed, manufactured, and sold for *in vitro* use only. The product is not suitable for administration to humans or animals. SDS sheets relevant to this product are available upon request.

100 Cummings Center, Suite 407J, Beverly, MA 01915 • Phone +1 888-959-5165 • www.quantabio.com FMWI-016.2 Rev.03