

Product Information	
<b>repliQa HiFi ToughMix</b>	
<b>Part Number</b>	95200-025
<b>Number of Reactions</b>	25 reactions
<b>Reaction Size</b>	50 uL
<b>Storage Temperature</b>	-25°C to -15°C
<b>Lot Number</b>	66176253
<b>Reference Number</b>	962400
<b>Expiration Date</b>	12/31/2022

**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:**

84640 repliQa HiFi ToughMix 0.625 mL

Product Specifications	
95200	
<b>Assay</b>	repliQa HiFi ToughMix Functional Assay
<b>Result</b>	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.