

Product Information	
AccuStart™ PCR SuperMix	
Part Number	95060-02K
Number of Reactions	2000 reactions
Reaction Size	50 µL
Storage Temperature	-25°C to -15°C
Lot Number	025290
Reference Number	050418
Expiration Date	05/31/2021

Product Description:

AccuStart PCR SuperMix is a 2X concentrated, ready-to-use cocktail for routine PCR amplification of DNA fragments up to 4 kB. It contains all components, except primers and template.

Product Specifications			
95060			
Assay	qPCR β-actin Plasmid DNA Functional Assay	DNase	RNase
Result	Pass	Pass	Pass

Quality Control Analysis and Specifications:

Nuclease Assay:

DNase: DNase activity must be below the detectable limits of 100 pg DNase I equivalent as assayed using a fluorogenic substrate following a 1 hour incubation at 37°C with each kit component at 1X concentration.

RNase: RNase activity must be below the detectable limits of 1 pg RNase A equivalent as assayed using a fluorogenic substrate following a 1 hour incubation at 37°C with each kit component at 1X concentration.

qPCR β-actin Plasmid DNA Functional Assay: Detection of β-actin from 10 copies to 1 x 10⁷ copies. Correlation of determination (R²) ≥ 0.990 from Ct standard curve analysis. Slope from Ct standard curve analysis between -3.20 and -3.70.

Limitations of Use

QuantaBio and Ultrplex are registered trademarks of QIAGEN Beverly, Inc. Quanta Biosciences, qScript, Geltrack, ToughMix, PerfeCta, and Fastmix are registered trademarks of Quanta BioSciences Inc. Extracta, AccuStart, AccuMelt, and Accuvue are trademarks of Quanta BioSciences Inc. Applied Biosystems, StepOne, StepOnePlus and ROX are trademarks of Thermo Fisher Scientific and or its subsidiaries. Please contact QIAGEN-Beverly for more information.

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.