

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	66140927
Reference Number	053119
Expiration Date	05/31/2022

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

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