

Product Information	
Product Description	
Part Number	172-5054
Reaction Size	20µL
Storage Temperature	-25°C to -15°C
Lot Number	66184311
Expiration Date	02/29/2024

Product Description:
A qPCR MasterMix with Purple Dye

Product Specifications			
172-5054			
Assay	(IL1-b) from Human Genomic DNA qPCR Functional Assay	DNase	RNase
Result	Pass	Pass	Pass

Director of Quality Control

Quality Control Analysis and Specifications:

(IL1-b) from Human Genomic DNA qPCR Functional Assay: Must have detection of IL1-β from 33ng to 33pg (1 x 10⁴ copies to 10 copies) ; Correlation of Determination ≥ 0.990 from Ct standard curve analysis ; Slope from Ct standard curve analysis between -3.20 and -3.65

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.

Limitations of Use

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