

Product Information	
qScript® 1-Step qRT-PCR Kit	
Part Number	95057-200
Number of Reactions	200 Reactions
Reaction Size	50 µL
Storage Temperature	-25°C to -15°C
Lot Number	66282569
Reference Number	041625, 091624
Expiration Date	09/30/2027

Component Part Numbers:

84023 qScript 1-Step RT 200 µL

84024 1-Step Master Mix (2X) 1.25 mL

84007 Nuclease Free Water 1.5 mL

Product Specifications			
95057			
Assay	qScript 1-Step qRT-PCR 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.

qScript 1-Step qRT-PCR Functional Assay: Detection of ACTB gene from 1.0 pg to 1.0 µg of UHR RNA. Ct standard curve analysis must have a coefficient of determination $R^2 \geq 0.990$ with a slope between -3.20 and -3.65. No template controls below threshold for at least two replicates.

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.

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