

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	66272670
Reference Number	102023, 091624
Expiration Date	10/31/2026

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.

100 Cummings Center, Suite 407J, Beverly, MA 01915 • Ph (888) 927-7027 • Fax (978) 867-5724 • www.QuantaBio.com FMWI016.2 Rev 01