

Product Information	
qScript® XLT 1-Step RT	
Part Number	172-5588
Unit Size	0.450mL
Storage Temperature	-25°C to -15°C
Lot Number	66172319
Reference Number	073120
Expiration Date	07/31/2023

Product Description:

A custom fill of qScript XLT 1-Step RT.

Product Specifications			
172-5588			
Assay	1-Step End Point RT-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.

1-Step End Point RT-PCR Functional Assay: Must have single bands at ~2kb that is visible from 35 cycles of PCR using 100 ng to 1 ng total Universal RNA with DYE MasterMix and without DYE MasterMix. No bands should be at ~2kb from 35 cycles of PCR in the NTC samples with DYE MasterMix and without DYE MasterMix. The intensity of the 2kb band for all samples at the 100 ng concentration must be comparable.

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.