

qScript[®] XLT One-Step RT-qPCR ToughMix[®]

Robust, inhibitor-resistant RT-qPCR, maximum yields for superior performance

Tough-tested

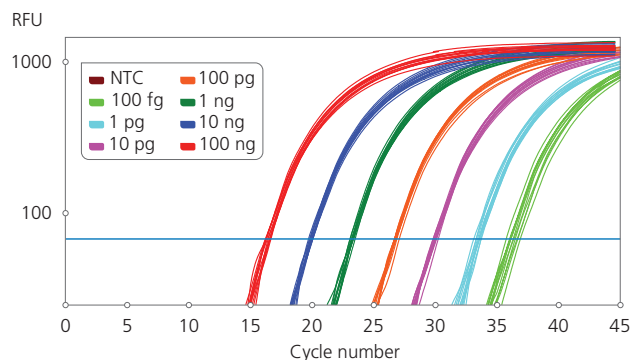
Toughmix reagents deliver superior performance in the presence of PCR inhibitors

FEATURES & BENEFITS:

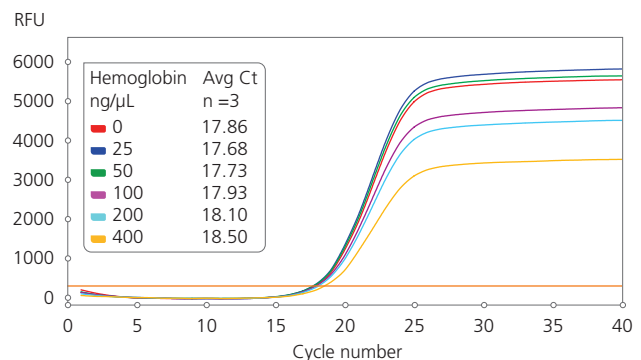
- ToughMix reagent technology neutralizes a broad spectrum of PCR inhibitors common in plant and animal tissues, environmental sources, clinical specimens and complex food matrices
- Superior assay sensitivity and specificity with ultrapure AccuStart II enzyme technology – maximum-yielding *Taq* DNA polymerase mutant controlled by stringent, multi-epitope antibody hot start
- Inert AccuVue plate loading dye simplifies reaction setup and provides instant visual cue of reagent addition and mixing
- Supports efficient vortex mixing with proprietary anti-foaming formulation
- Flexible – supports for both fast and standard thermal cycling conditions

DESCRIPTION:

qScript XLT One-Step RT-qPCR ToughMix is a ready-to-use, highly sensitive master mix for reverse transcription quantitative PCR (RT-qPCR) of RNA templates using hybridization probe detection chemistries. Advanced qScript XLT reverse transcriptase mutant possesses elevated temperature stability and improved template binding affinity for large complex RNA templates. Sequential temperature incubations are performed to the same reaction mixture without opening the tube. The proprietary one-step reaction buffer has been specifically formulated to maximize activity of each enzyme while minimizing the potential for primer-dimer and other non-specific PCR artifacts. Inert AccuVue plate loading dye simplifies reaction assembly and provides instant confirmation of reagent addition and mixing.



Broad linear dynamic range, low Limit of Detection.



Enables performance in the presence of inhibitors.

ORDER INFO

Product Name

qScript XLT One-Step RT-qPCR ToughMix - 100 R
 qScript XLT One-Step RT-qPCR ToughMix - 500 R
 qScript XLT One-Step RT-qPCR ToughMix, ROX - 100 R
 qScript XLT One-Step RT-qPCR ToughMix, ROX - 500 R
 qScript XLT One-Step RT-qPCR ToughMix, Low ROX - 100 R
 qScript XLT One-Step RT-qPCR ToughMix, Low ROX - 500 R

Quantabio Catalog Number

95132-100
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 95133-500
 95134-100
 95134-500

Size

100 x 20 μl rxns
 500 x 20 μl rxns
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