



PCR Amplification Made Easy with ToughMix®

Quantitative PCR

- qScript XLT 1-Step RT-qPCR ToughMix
- PerfeCtra qPCR ToughMix

Endpoint PCR

- AccuStart II PCR ToughMix



OVERCOME PCR INHIBITORS

Many PCR inhibitors are present in crude samples extracted from environmental specimens, plant tissues, or animal tissues. They operate by shutting down PCR amplification at threshold concentrations, or by quenching fluorescent signal. ToughMixes neutralize these problem-causing inhibitors avoiding expensive or time-consuming purification steps to eliminate them.

Inhibitor	Common sources	Reagent performance	
		Competitor	PerfeCtra ToughMix
Polyphenols	Plant extracts	—	✓
Humic acids	Soil Plant tissues	—	✓
Hematin	Dried bloods Blood spots	—	✓
Hemoglobin	Blood	✓	✓
Polysaccharides	Feces Plant tissues	—	✓
Melanin	Hair Skin	—	✓

ENGINEERED APPLICATION
SPECIFIC ENZYMES

+

OPTIMIZED
TOUGH REAGENT

=

SUPERIOR PRODUCT
PERFORMANCE

ORDER INFO

Product Name	Catalogue #	Product Size
PCR mixes		
AccuStart II PCR ToughMix - 100 R	95142-100	100 x 25 µl rxns (1 x 1.25 ml)
AccuStart II PCR ToughMix - 800 R	95142-800	800 x 25 µl rxns (8 x 1.25 ml)
AccuStart II PCR ToughMix - 4000 R	95142-04K	4000 x 25 µl rxns (1 x 50 ml)
1-Step RT qPCR Mixes		
qScript XLT 1-Step RT-qPCR ToughMix - 500 R	95132-500	500 x 20 µL rxns (5 x 1 mL)
qScript XLT 1-Step RT-qPCR ToughMix - 2000 R	95132-02K	2000 x 20 µL rxns (1 x 20 mL)
qScript XLT 1-Step RT-qPCR ToughMix - 5000 R	95132-05K	5000 x 20 µL rxns (1 x 50 mL)
qScript XLT 1-Step RT-qPCR ToughMix, ROX - 500 R	95133-500	500 x 20 µL rxns (5 x 1 mL)
qScript XLT 1-Step RT-qPCR ToughMix, ROX - 2000 R	95133-02K	2000 x 20 µL rxns (1 x 20 mL)
qScript XLT 1-Step RT-qPCR ToughMix, ROX - 5000 R	95133-05K	5000 x 20 µL rxns (1 x 50 mL)
qScript XLT 1-Step RT-qPCR ToughMix, Low ROX - 100 R	95134-500	500 x 20 µL rxns (5 x 1 mL)
qScript XLT 1-Step RT-qPCR ToughMix, Low ROX - 500 R	95134-02K	2000 x 20 µL rxns (1 x 20 mL)
qScript XLT 1-Step RT-qPCR ToughMix, Low ROX - 5000 R	95134-05K	5000 x 20 µL rxns (1 x 50 mL)
qPCR Mixes		
PerfeCta qPCR ToughMix - 250 R	95112-250	250 x 20 µl rxns (2 x 1.25 ml)
PerfeCta qPCR ToughMix - 1250 R	95112-012	1250 x 20 µl rxns (10 x 1.25 ml)
PerfeCta qPCR ToughMix - 5000 R	95112-05K	5000 x 20 µl rxns (1 x 50 ml)
PerfeCta qPCR ToughMix, ROX - 1250 R	95113-012	1250 x 20 µl rxns (10 x 1.25 ml)
PerfeCta qPCR ToughMix, ROX - 5000 R	95113-05K	5000 x 20 µl rxns (1 x 50 ml)
PerfeCta qPCR ToughMix, Low ROX - 250 R	95114-250	250 x 20 µl rxns (2 x 1.25 ml)
PerfeCta qPCR ToughMix, Low ROX - 1250 R	95114-012	1250 x 20 µl rxns (10 x 1.25 ml)
PerfeCta qPCR ToughMix, Low ROX - 5000 R	95114-05K	5000 x 20 µl rxns (1 x 50 ml)

Find the right ToughMix



Check out all Quantabio products



Trademarks: PerfeCta®, qScript® and ToughMix® are trademarks of Quantabio, LLC. Quantabio products are intended for molecular biology applications. The products are not intended for the diagnosis, prevention or treatment of a disease.