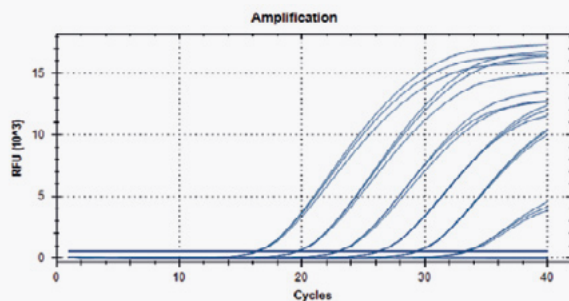


AzuraQuant™ Probe Fast qPCR Mix

qPCR. Faster. Better.

The AzuraQuant™ Probe Fast qPCR Mix is a ready-to-use 2x master-mix for use in real-time quantitative PCR assays and has been formulated for probe-detection technology, including TaqMan®, Scorpions® and molecular beacon probes.

The AzuraQuant™ Probe Fast qPCR Mix is comprised of Azura HS Taq DNA Polymerase and an optimized buffer chemistry providing robust real-time PCR and broad range detection for increased sensitivity, speed, and reproducibility. In addition, the 2x master-mix exhibits excellent sensitivity in complex multiplex reactions, in which multiple amplicons can be detected without a loss in efficiency. The AzuraQuant™ Probe Fast qPCR Mix requires little if any optimization and can be used to quantify any DNA templates including cDNA, genomic DNA, and low copy number viral sequences while providing resistance to many PCR inhibitors. The AzuraQuant™ Probe Fast qPCR Mix also combines rapid antibody-mediated hot-start activation and processive enzyme chemistry, making it compatible with both standard and fast instrument cycling programs. In order to determine instrument compatibility and the most suitable formulation, please refer to our qPCR Reagent Compatibility Tool.



Applications

- Probe-based detection of DNA and cDNA
- Gene Expression analysis
- Two-Step RT-qPCR
- Multiplex qPCR

Flexibility

Compatible with standard and fast cycling instruments and a wide range of cycling parameters

Accurate Quantification and Specificity

Hot-Start chemistry reduces primer-dimer formation and allows room-temperature assembly

Broad Compatibility

High-performance amplification from any DNA template including complex GC-rich sequences

Sensitivity and Speed

Advanced formulation provides unrivalled sensitivity in singleplex as well as complex multiplex assays.

Fig 1. TaqMan probe amplification traces from cDNA dilution series of 1×10^6 copies to 10 copies of DNA.

For each gene AzuraQuant Probe Fast Mix amplified with 100% efficiency and detected 10 copies of DNA

Products	Pack Size	Catalog No.	Price
AzuraQuant™ Probe Fast qPCR Mix HiRox	100 Reactions / 1 x 1 mL	AZ-2701	\$65
AzuraQuant™ Probe Fast qPCR Mix HiRox	500 Reactions / 5 x 1 mL	AZ-2705	\$285
AzuraQuant™ Probe Fast qPCR Mix HiRox	2000 Reactions / 20 x 1 mL	AZ-2720	\$995
AzuraQuant™ Probe Fast qPCR Mix HiRox	5000 Reactions / 10 x 5 mL	AZ-2750	\$2195
AzuraQuant™ Probe Fast qPCR Mix LoRox	100 Reactions / 1 x 1 mL	AZ-2801	\$65
AzuraQuant™ Probe Fast qPCR Mix LoRox	500 Reactions / 5 x 1 mL	AZ-2805	\$285
AzuraQuant™ Probe Fast qPCR Mix LoRox	2000 Reactions / 20 x 1 mL	AZ-2820	\$995
AzuraQuant™ Probe Fast qPCR Mix LoRox	5000 Reactions / 10 x 5 mL	AZ-2850	\$2195
AzuraQuant™ Probe Fast qPCR Mix NoRox	100 Reactions / 1 x 1 mL	AZ-2901	\$65
AzuraQuant™ Probe Fast qPCR Mix NoRox	500 Reactions / 5 x 1 mL	AZ-2905	\$285
AzuraQuant™ Probe Fast qPCR Mix NoRox	2000 Reactions / 20 x 1 mL	AZ-2920	\$995
AzuraQuant™ Probe Fast qPCR Mix NoRox	5000 Reactions / 10 x 5 mL	AZ-2950	\$2195



qPCR Reagent Compatibility Tool

Reagent and Catalog Number	Applied Biosystems®		BioRad®		Roche®		Qiagen® (Corbett)		Eppendorf®		Agilent®		Cepheid®	
	7000, 7300, 7700 7900, 7900HT, 7900HT Fast StepOne, StepOne Plus	7500, 7500 Fast, Viia7 QuantStudio 3, 5, 6, 7 QuantStudio 12K Flex	CFX96 CFX384 CFX Connect	iCycler, MyiQ iQ5	Opticon, Opticon 2 MiniOpticon, Chromod4	LightCycler 96 LightCycler 480 LightCycler Nano	Rotor-Gene Q Rotor-Gene 3000 Rotor-Gene 6000	Mastercycler ep realplex Mastercycler ep realplex 2S	MX4000P MX3000P MX3005P AriaMx, AriaDx	SmartCycle				
AzuraQuant™ Green Fast qPCR Mix HiRox, AZ-2001	✓													
AzuraView™ Green Fast qPCR Blue Mix HiRox, AZ-2401	✓													
AzuraQuant™ Green Fast qPCR Mix LoRox, AZ-2101		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
AzuraView™ Green Fast qPCR Blue Mix LoRox, AZ-2301		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
AzuraQuant™ Green One-Step qPCR Mix HiRox, AZ-3501	✓													
AzuraQuant™ Green One-Step qPCR Mix LoRox, AZ-3701		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
AzuraQuant™ Probe Fast qPCR Mix HiRox, AZ-2701	✓													
AzuraQuant™ Probe Fast qPCR Mix LoRox, AZ-2801		✓									✓			
AzuraQuant™ Probe Fast qPCR Mix NoRox, AZ-2901			✓	✓	✓	✓	✓	✓	✓				✓	
AzuraQuant™ Probe 1-Step qPCR Mix HiRox, AZ-3901	✓													
AzuraQuant™ Probe 1-Step qPCR Mix LoRox, AZ-4101		✓									✓			
AzuraQuant™ Probe 1-Step qPCR Mix NoRox, AZ-4301			✓	✓	✓	✓	✓	✓	✓	✓			✓	
AzuraQuant™ Probe 1-Step Virus qPCR Mix, AZ-4401			✓	✓	✓	✓	✓	✓	✓				✓	
AzuraQuant™ Probe 1-Step Virus qPCR Mix LR, AZ-4501		✓									✓			