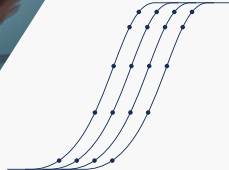


# AzuraQuant™ Green Fast qPCR Mix



## qPCR. Faster. Better.

The AzuraQuant™ Green Fast qPCR Mix is a ready-to-use 2x master mix comprised of a non-inhibitory intercalating dye, Azura HS Taq DNA Polymerase and a highly optimized reaction buffer for use in real-time quantitative PCR assays. The AzuraQuant™ Green Fast qPCR Mix reliably quantifies any DNA template including cDNA, complex GC-rich genomic sequences, viral DNA and low-copy number targets. The ready-to-use 2x master mix delivers an increased limit of detection with best-in-class sensitivity, speed, and reproducibility. The AzuraQuant™ Green Fast qPCR Mix requires little if any optimization. In order to determine instrument compatibility and the most appropriate formulation, please refer to our qPCR Reagent Compatibility Tool.

### Applications

- Fluorescent SYBR™ Green detection of cDNA and genomic DNA,
- Gene expression analysis
- Detection of sequence variants

### Flexibility

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

### Accurate Quantification and Specificity

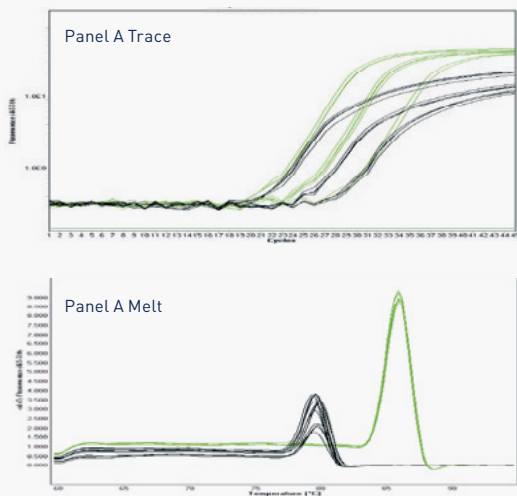
Hot-Start chemistry reduces primer-dimer formation and allows room-temperature assembly

### Broad Compatibility

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

### Sensitivity and Speed

A non-inhibitory intercalating dye and optimized buffer chemistry provides an increased limit of detection



**Fig 1. Superior overall performance and speed of AzuraQuant Green Fast qPCR Mix (green) compared with PowerUp SYBR Mix (black).** qPCR amplification and melt trace of mouse housekeeping gene GAPDH from a cDNA dilution series.

Products	Pack Size	Catalog No.	Price
AzuraQuant™ Green Fast qPCR Mix LoRox	100 Reactions / 1 x 1 mL	AZ-2101	\$55
AzuraQuant™ Green Fast qPCR Mix LoRox	500 Reactions / 5 x 1 mL	AZ-2105	\$255
AzuraQuant™ Green Fast qPCR Mix LoRox	2000 Reactions / 20 x 1 mL	AZ-2120	\$895
AzuraQuant™ Green Fast qPCR Mix LoRox	5000 Reactions / 10 x 5 mL	AZ-2150	\$1695
AzuraQuant™ Green Fast qPCR Mix HiRox	100 Reactions / 1 x 1 mL	AZ-2001	\$55
AzuraQuant™ Green Fast qPCR Mix HiRox	500 Reactions / 5 x 1 mL	AZ-2005	\$255
AzuraQuant™ Green Fast qPCR Mix HiRox	2000 Reactions / 20 x 1 mL	AZ-2020	\$895
AzuraQuant™ Green Fast qPCR Mix HiRox	5000 Reactions / 10 x 5 mL	AZ-2050	\$1695



# qPCR Reagent Compatibility Tool

Reagent and Catalog Number	Applied Biosystems®	BioRad®	Roche®	Qiagen® (Corbett)	Eppendorf®	Agilent®	Cepheid®		
AzuraQuant™ Green Fast qPCR Mix HiRox, AZ-2001	7000, 7300, 7700	CFX96 CFX384 CFX Connect	iCycler, MyIQ	Opticon, Opticon 2 MiniOpticon, Chrom4	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	SmartCycler
AzuraView™ Green Fast qPCR Blue Mix HiRox, AZ-2401	7900, 7900HT, 7900HT Fast StepOne, StepOne Plus	7500, 7500 Fast, ViiA7 QuantStudio 3, 5, 6, 7 QuantStudio 12K Flex	✓	✓	✓	✓	✓	✓	✓
AzuraView™ 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	✓	✓	✓	✓	✓	✓	✓	✓	✓