AzuraView™ Green Fast qPCR Blue Mix

The Ultra-Sensitive, Best-in-Class Real Time PCR SYBR® Green Master Mix

AzuraView™ Green Fast qPCR Blue Mix is an ultra-sensitive 2x master mix comprised of a non-inhibitory intercalating dye, Azura HS Taq DNA Polymerase, and a highly optimized reaction buffer with a blue tracer dye for use in SYBR® real-time quantitative assays.

AzuraView™ Green Fast qPCR Blue Mix reliably quantifies any DNA template including cDNA, genomic DNA, and low copy number viral DNA sequences. The ready-to-use 2x master mix delivers an increased limit of detection with best-in-class sensitivity, and the inert blue dye provides an easy to see, easy to pipette format. In order to determine instrument compatibility and the most suitable formulation, please refer to our qPCR Reagent Compatibility Tool.

Applications

- Fluorescent SYBR® Green detection of cDNA, genomic DNA and viral DNA
- Gene expression analysis
- Detection of sequence variants
- Pathogen detection
- SNP Genotyping and siRNA validation

Flexibility

Compatible with all standard and fast cycling instruments and a wide range of cycling conditions

Easy to See and Easy to Pipette

Contains inert blue tracer dye to simplify the set-up of PCR plates and strip tubes

Excellent Stability

Increased resistance to ambient temperatures and up to 40 freeze-thaw cycles

Sensitivity and Speed

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

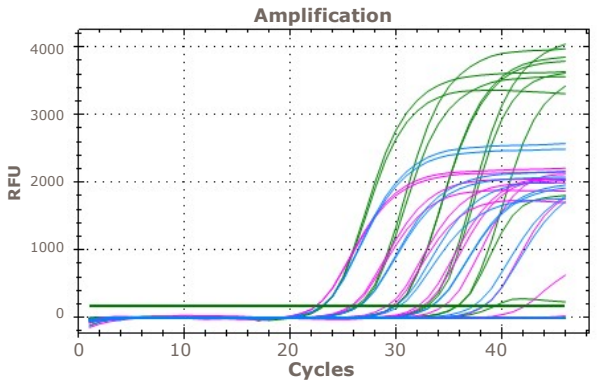

Fig 1. Comparison of AzuraView™ Green Fast qPCR Blue Mix LR (green) with competitors BioRad (blue) and Applied Biosystems (pink) using multiple dilutions of cDNA (PGK-1 gene target).
Cycling Conditions: 95°C 2 min hot start, 45 cycles of 95°C 10 sec, 60°C 15 sec on BioRad CFX96

Email: info@azuragenomics.com | Orders: sales@azuragenomics.com | Toll Free: 888-333-3895
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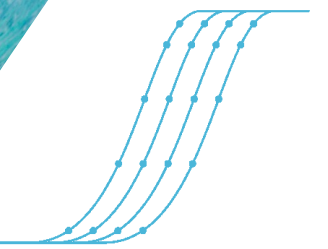

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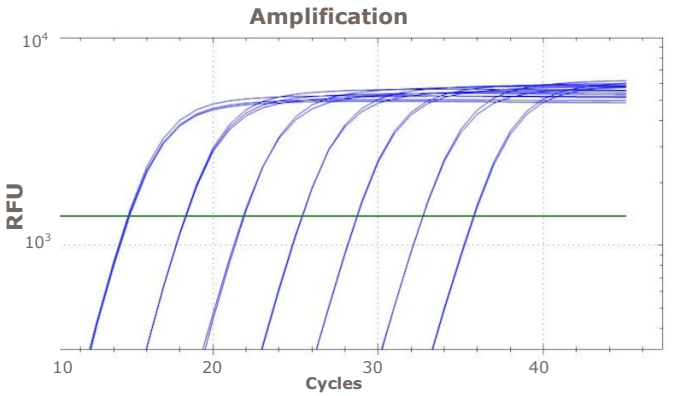

Fig 1. SYBR® Green DNA standard curve derived from *B2M* gene target amplification using AzuraView™. qPCR using fast cycling over a broad dynamic range. Real time PCR Of *B2M* gene sequence from a 10-fold dilution series of murine genomic DNA using AzuraView™ Green Fast qPCR Blue Mix LR

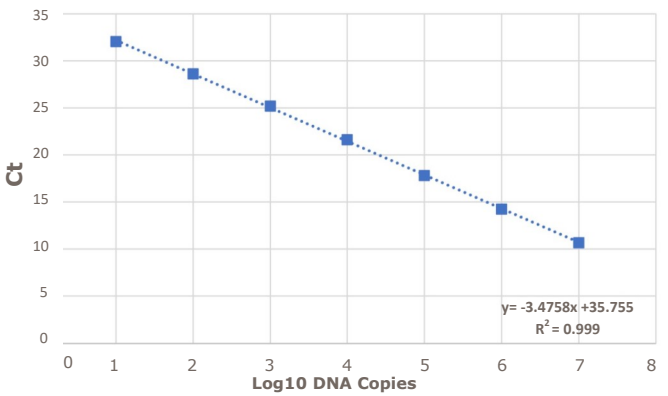

Fig 2. High qPCR efficiency: standard curve of *B2M* amplification showing accurate qPCR over six orders of magnitude with AzuraView™ Green Fast qPCR Blue Mix LR

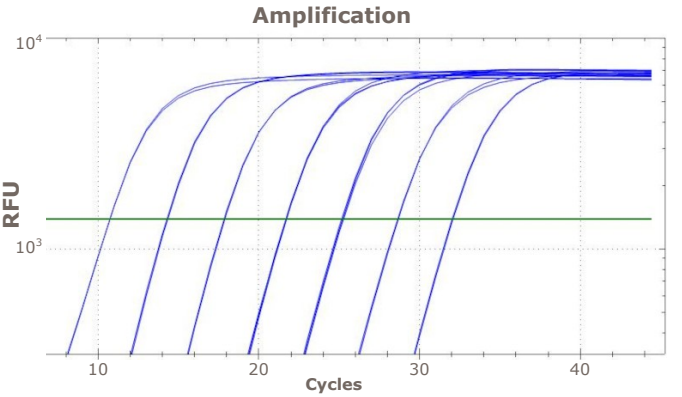

Fig 3. SYBR® Green DNA standard curve derived from *GAPDH* gene target amplification using AzuraView™. Highly efficient and sensitive qPCR: Real time PCR of *GAPDH* gene sequence from a 10-fold dilution series of murine genomic DNA (10—10^7 copies) using AzuraView™ Green Fast qPCR Blue Mix LR

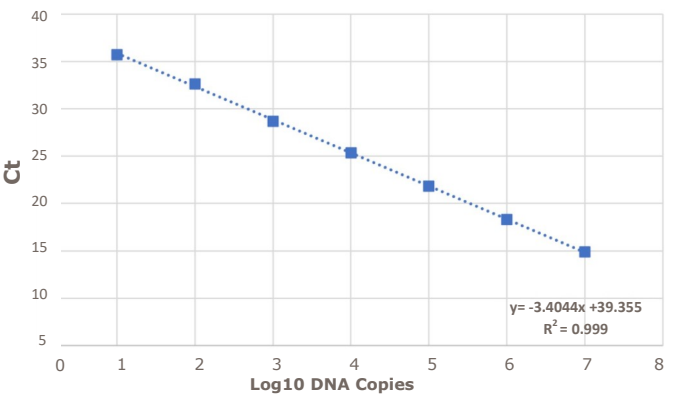

Fig 4. High qPCR efficiency: standard curve of *GAPDH* amplification showing accurate qPCR over six orders of magnitude with AzuraView™ Green Fast qPCR Blue Mix LR

Product	Pack Size	Catalog No.
AzuraView ™ Green Fast qPCR Blue Mix LR	100 Reactions / 1 x 1 mL	AZ-2301
AzuraView ™ Green Fast qPCR Blue Mix LR	500 Reactions / 5 x 1 mL	AZ-2305
AzuraView ™ Green Fast qPCR Blue Mix LR	2,000 Reactions / 20 x 1 mL	AZ-2320
AzuraView ™ Green Fast qPCR Blue Mix LR	5,000 Reactions/ 10 x 5 mL	AZ-2350
AzuraView ™ Green Fast qPCR Blue Mix HR	100 Reactions / 1 x 1 mL	AZ-2401
AzuraView ™ Green Fast qPCR Blue Mix HR	500 Reactions / 5 x 1 mL	AZ-2405
AzuraView ™ Green Fast qPCR Blue Mix HR	2,000 Reactions / 20 x 1 mL	AZ-2420
AzuraView ™ Green Fast qPCR Blue Mix HR	5,000 Reactions/ 10 x 5 mL	AZ-2450

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