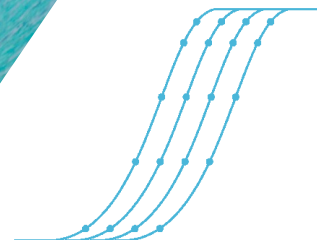




AzuraView™ Probe Fast qPCR Mix Blue



The Ultra-Sensitive, Best-in-Class Real Time PCR Master Mix for TaqMan® Probe Assays

AzuraView™ Probe Fast qPCR Mix Blue is an inhibitor-tolerant 2x master mix for use in real-time quantitative PCR assays, and has been formulated for probe-detection technology, including TaqMan® and molecular beacon probes. The 2x master mix includes a blue tracer dye providing an easy to see, easy to pipette format. AzuraView™ Probe Fast qPCR Mix Blue 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 simplifies reaction setup and reduces pipetting errors. The advanced 2x formulation allows efficient amplification from GC-rich templates and AT-rich templates, as well as resistance to many common PCR inhibitors.

AzuraView™ Probe Fast qPCR Mix Blue contains an inert blue dye as a convenient pipetting aid. The blue dye does not interfere with DNA synthesis, but will impact the intensity of some fluorescent probes such as Cy5 and Texas Red. For complex multiplex reactions that include these fluorophores, AzuraView™ Probe Fast qPCR Mix is also available in a colorless version.

Applications

- Fluorescent TaqMan® 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 modern standard and fast cycling instruments and a wide range of cycling conditions

Easy to See and Easy to Pipette

Contains an inert blue tracer dye to simplify the setup of PCR plates and strip tubes

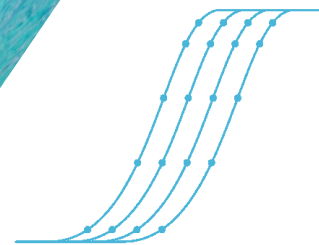
Excellent Stability

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

Sensitivity and Speed

An optimized buffer chemistry provides an increased limit of detection

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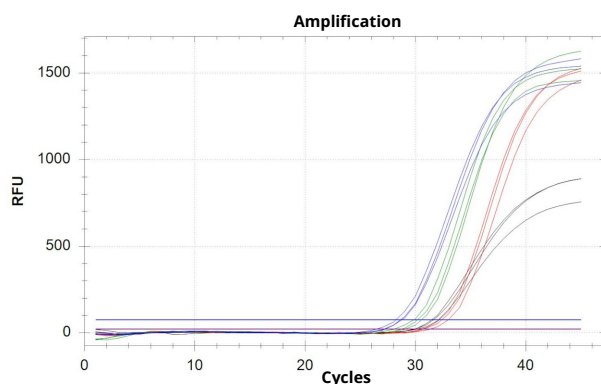


Fig 1. High performance 2-step RT-qPCR comparison with competitor B using AzuraView™ Probe Fast qPCR Mix Blue
Duplex TaqMan Probe assay comparison against competitor Q with HSV-1 and HSV-2 viral DNA targets:
 10^3 copies HSV-1 (FAM - blue, green) and 10^2 copies HSV-2 (VIC - red, black).
AzuraView™ (blue, red) vs competitor Q (green, black)

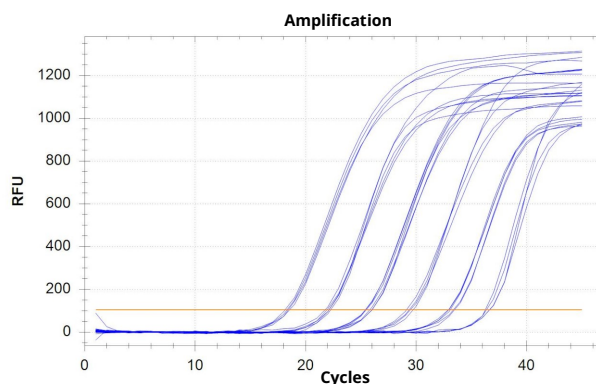


Fig 3. Highly efficient RT-qPCR using AzuraView™ Probe Fast qPCR Mix Blue with a serial template dilution series
 10^1 - 10^6 *C. difficile* genome copies data showing good limit of detection

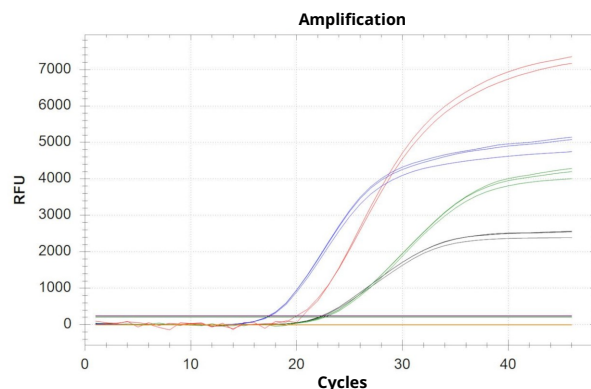


Fig 2. Complex Multiplex RT-qPCR with AzuraView™ Probe Fast qPCR Mix Colorless
Multiplex data (four channels) showing good fluorescence with multiple viral DNA targets.
 10^5 Adenovirus ADV (FAM - red), 10^6 Cytomegalovirus (VIC - blue), 10^4 Epstein-Barr Virus EBV (ROX - Green) and internal control (CY5 - black)

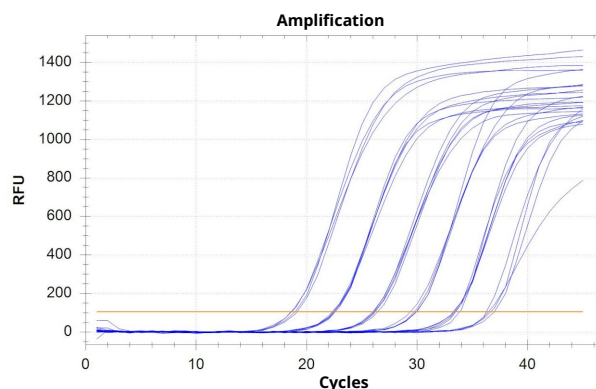


Fig 4. Highly efficient RT-qPCR using AzuraView™ Probe Fast qPCR Mix Colorless with a serial template dilution series
 10^1 - 10^6 *C. difficile* genome copies data showing good limit of detection

Products	Pack Size	Catalog No.
AzuraView™ Probe Fast qPCR Mix Blue	100 Reactions / 1 x 1 mL	AZ-2601B
AzuraView™ Probe Fast qPCR Mix Blue	500 Reactions / 5 x 1 mL	AZ-2605B
AzuraView™ Probe Fast qPCR Mix Blue	2,000 Reactions / 20 x 1 mL	AZ-2620B
AzuraView™ Probe Fast qPCR Mix Blue	5,000 Reactions/ 10 x 5 mL	AZ-2650B
AzuraView™ Probe Fast qPCR Mix Colorless	100 Reactions / 1 x 1 mL	AZ-2601C
AzuraView™ Probe Fast qPCR Mix Colorless	500 Reactions / 5 x 1 mL	AZ-2605C
AzuraView™ Probe Fast qPCR Mix Colorless	2,000 Reactions / 20 x 1 mL	AZ-2620C
AzuraView™ Probe Fast qPCR Mix Colorless	5,000 Reactions/ 10 x 5 mL	AZ-2650C