



## Forget-Me-Not™ Universal Probe Master Mix

Forget-Me-Not™ Universal Probe Master Mix is a high-performance product for fluorescent probe-based PCR applications, including quantitation and SNP genotyping. This kit is suitable for all fluorescent probe-based technologies, including hydrolysis probes (such as TaqMan® and dual-labeled BHQ® probes) and displacement probes (like Molecular Beacons). Forget-Me-Not™ Universal Probe Master Mix shows excellent concordance of results in singleplex and multiplex reactions, has broad instrument compatibility, and can be used in both standard and fast protocols.

Forget-Me-Not™ Universal Probe Master Mix comes with an optional blue tracking buffer containing an inert blue dye. You have the choice of adding Tracking Buffer to the master mix, to the DNA template, or not to use the tracking buffer in your reactions.

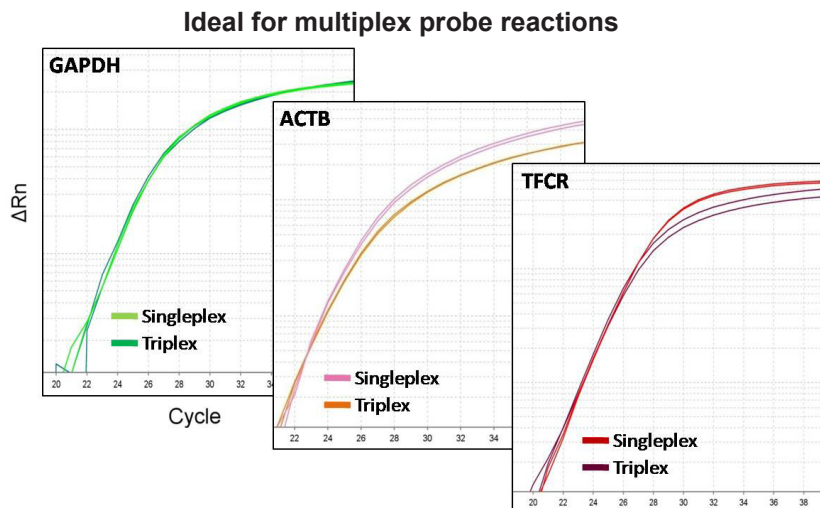


Figure 3. Singleplex and triplex PCR of GAPDH, ACTB and TFCR from human genomic DNA. Reactions contained 20 ng of human genomic DNA, 400 nM of each primer, and 200 nM of each hydrolysis probe (GAPDH-FAM/BHQ®-1, ACTB-CAL Fluor® Orange 560/BHQ®-1, TFCR-CAL Fluor® Red 610/ BHQ®-2).

### Cheetah™ Taq

- Proprietary chemically-modified hot-start Taq polymerase
- Completely inhibited on the bench, but fully active after just 2 minutes of heating
- Ideal for fast PCR reactions
- Used in all of Biotium's qPCR Master Mixes

### Ordering Information

Cat. #	Product name	Unit size
31041-T		1 mL, trial size
31041-1	Forget-Me-Not™ EvaGreen® qPCR Master Mix	5 x 1 mL
31041-20mL		2 x 10 mL
31042-T		1 mL, trial size
31042-1	Forget-Me-Not™ EvaGreen® qPCR Master Mix with ROX	5 x 1 mL
31042-20mL		2 x 10 mL
31043-T		1 mL, trial size
31043-1	Forget-Me-Not™ Universal Probe Master Mix	5 x 1 mL
31044-T		1 mL, trial size
31044-1	Forget-Me-Not™ Universal Probe Master Mix with ROX	5 x 1 mL
31000-T		1 mL, trial size
31000	EvaGreen® Dye, 20X in Water	5 x 1 mL
31019	EvaGreen® Dye, 2000X in DMSO	50 µL
29050	Cheetah™ Taq	500 U
29052	ROX Passive Reference Dye, 25 µM in TE	5 x 1 mL
40052	dNTP Set, 100 mM Each	Set of 1 mL each
40054	dNTP Mix, 10 mM Each	5 x 1 mL

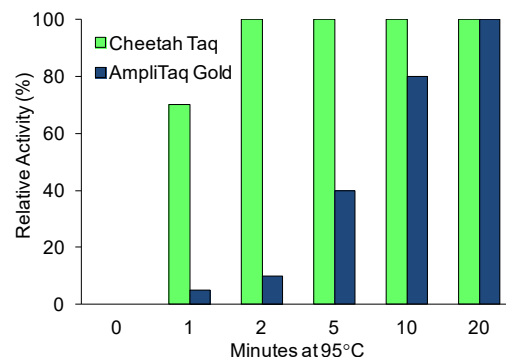


Figure 4. Cheetah™ Taq requires only 2 minutes of hot-start for full recovery of activity. Comparison of hot-start recovery of polymerase activity for Cheetah™ Taq and AmpliTaq Gold® following incubation at 95°C in 50 mM pH 8.0 Tris.