

## ***Be Brilliant...***

The Brilliant III Ultra-Fast QPCR and QRT-PCR Master Mix reagents are designed to provide the fastest cycling times on any real-time PCR instrument. These reagents feature a newly engineered *Taq*, delivering a faster extension rate combined with novel hot-start technology to minimize non-specific amplification. The ultra-fast reagents allow the completion of real-time experiments in less than 40 minutes, giving researchers quicker access to their data without compromising data reproducibility and quality.

*„When compared to other fast QPCR reagents on the market, we observe minimal formation of non-specific and secondary products, providing improved sensitivity to deliver more accurate quantification,”* said Nick Price, Ph.D., product manager at Agilent Technologies. *„We see time-to-results becoming increasingly important to researchers and very pleased to offer the rapid-cycling benefits of the Brilliant Ultra-Fast reagents.”*

The kits provide researchers with the flexibility to perform a variety of applications, including gene expression analysis, pathogen detection and SNP genotyping. The reagents are validated across a range of fast, real-time PCR systems and across a range of templates and targets. Earlier threshold cycle detection gives more reliable quantification across the entire range of template concentrations, including high and low concentrations.

The Brilliant III Ultra-FAST QPCR Master Mixes represent Agilent's third generation of real-time PCR reagents to be commercialized.