

## BlitzAmp qPCR Master Mix

- Turbocharge your Research with Lightning Fast PCR

MiRXES formulated BlitzAmp qPCR Master Mix to support research and routine testing requirements for high specificity, sensitivity, robustness and speed. Its proprietary blend of PCR polymerase, dNTPs, DNA binding dye, salts and stabilizers is the ideal molecular solution to generate high-quality data in the shortest time with ease.

Robust amplification of amplicon up to 250bp for difficult assays

Sensitive detection of low abundance targets

Highly reproducible data

Highly stable at room temperature

High tolerance for inhibitors and varying assay melting temperature

Highly versatile; designed to support most real-time qPCR machines in the market



### Generate top Quality data in a Flash

MiRXES BlitzAmp qPCR Master Mix is designed to support high-throughput setups. Its short run time translates into high productivity and substantial capital instrument investment savings. Maximize qPCR machine time and increase productivity by 3 to 5 X by leveraging on MiRXES' Fast and Lightning cycling protocols.

Cycling Protocol	Time* (min)	Time Savings	No. of Plates in 3 hours	Productivity
Standard Cycling	90	-	1.99	-
MiRXES Fast Cycling	57	37%	3.16	300%
MiRXES Lightning Cycling	34	62%	5.24	500%

Table 1. Comparison table for three different cycling protocols on time required, time savings, number of plates that could be run in 3 hours and % increase in productivity. With shorter run time, MiRXES Fast cycling and Lightning cycling protocol increased productivity over standard cycling protocol by 300% and 500%, respectively. \* Total time required for a PCR run of 40 cycles.