



Mycoplasma Detection qPCR Kit (Probe-Based, Carryover Contamination Proof)

In cell culture, mycoplasma contamination is a common issue. This kit utilizes mycoplasma-specific primers and mycoplasma-specific fluorescent probes (FAM reporter dye) with qPCR technology to detect DNA from approximately 200 species of Mycoplasma, Spiroplasma, and Acholeplasma, including but not limited to:

(1) *Acholeplasma laidlawii*, (2) *M. arginini*, (3) *M. pneumoniae*, (4) *M. hyorhinae*, (5) *M. orale*, (6) *M. fermentans*, (7) *M. gallisepticum*, (8) *M. synoviae*, (9) *Spiroplasma citri*, (10) *M. arthritidis*, (11) *M. genitalium*, (12) *M. hominis*, (13) *M. penetrans*, (14) *M. salivarium*, (15) *Ureaplasma urealyticum*, (16) *M. bovis*, (17) *M. hyopneumoniae*, (18) *M. pirum*.

The kit includes an Internal Control (IC) with corresponding primers and a VIC-labeled probe to monitor DNA extraction efficiency and qPCR amplification. The IC is added during PCR amplification to identify amplification inhibitors in samples, thereby preventing false-negative results.

A heat-labile dUTP/UDG contamination control system is incorporated, which activates at room temperature to ensure result accuracy.

Catalog No.	400001
Size	48 rxns / 96 rxns
Product Category	Mycoplasma PCR