

EZ-PCR™ Mycoplasma Detection Kit

Minimize the risk of mycoplasma contamination in your cell cultures

The EZ-PCR™ Mycoplasma Detection Kit is a unique, highly-sensitive PCR assay developed for the testing of over 100 species of Mycoplasma, Acholeplasma, and Spiroplasma in cell cultures. The EZ-PCR Mycoplasma Detection Kit contains a ready-to-use PCR reaction mix that includes highly-optimized mycoplasma-specific primers, dNTP mix, and Taq polymerase. Internal and positive controls are included to test for false negatives and for easy interpretation of test results.

With a ready-to-use format and easy-to-follow protocol, samples can be prepared in as little as 10 minutes with accurate results seen in only a few hours, making it an ideal system for routine mycoplasma screening.



**Easy to use,
easy to
interpret**



**Rapid and
reliable
results**



**Detects over
100 species**



**Ideal for
routine
testing**



Figure 1: Gel electrophoresis results obtained following PCR reaction preparation and amplification using the EZ-PCR™ Mycoplasma Detection Kit. Eight total reactions, including six samples, one negative control, and one positive control were tested, each of which contain the internal control to rule out PCR inhibition (i.e. false negatives). As shown, Sample 4 produced a mycoplasma-positive band at 270bp in addition to the internal control band at 357bp, while Samples 1, 2, 3, 5, and 6 produced only internal control bands and are thus negative for mycoplasma. Image courtesy of WiCell Research Institute.

Quality Specifications

Intended use	Detection of contamination in cell cultures		
Species	Detects over 100 Mycoplasma species	Storage	- 20°C
Kit Components	Reaction Mix (200 µl) Buffer Solution (1.0 mL) Positive Template Control (20 µl) Internal control DNA template (20 µl) Internal control primers mix (100 µl)		
Additional Components Required	Mineral Oil Agarose for gel electrophoresis Sterile distilled water		

Ordering Information

	Cat. No.	Size
EZ-PCR™ Mycoplasma Detection Kit	20-700-20	20 assays

For additional product or technical information, please visit www.captivatebio.com, email orders@captivatebio.com, or call customer service at (617) 607-4017.