ATCC

Product Sheet

Universal Mycoplasma Detection Kit (ATCC® 30-1012K™)

Please read this FIRST

Storage Temp.
-20°C

Biosafety Level
1

Description

Product Description: The Universal Mycoplasma Detection Kit offers a quick and sensitive PCR-based test to detect mycoplasma contaminants in cell culture. All components required for the PCR reaction are provided and have been optimized for amplification. High specificity is obtained through the utilization of a proprietary mix of buffers, dNTPs and thermostable polymerase, combined with universal primers that are specific to the 16S rRNA coding region in the mycoplasma genome. DNA originating from other sources, such as tissue samples or other bacteria, are not amplified. A touchdown PCR regimen increases sensitivity of the assay, along with enhancing specificity.

The kit detects over 60 species of *Mycoplasma, Acholeplasma, Spiroplasma* and *Ureaplasma* including the eight species most likely to afflict cell cultures: *M. arginini, M. fermentans, M. hominis, M.hyorhinis, M. orale, M. pirum, M. salivarium,* and *A. laidlawii.* Samples that are positive for mycoplasma are easily recognized by a distinct PCR product ranging in size from 434 to 468 bp on an agarose gel.
Volume: 40 assays

ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of strains on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of cultures.

Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

Additional information on this culture is available on the ATCC web site at www.atcc.org.
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