

## Specification

### PCR Mycoplasma Test Kit I

**A9753**

<b>Product Code:</b>	A9753
<b>Product Name:</b>	PCR Mycoplasma Test Kit I
<b>Short Description:</b>	Usage: includes all PCR reagents required for Mycoplasma detection (primer, nucleotides, DNA polymerase, and amplification control)
<b>Specifications:</b>	<p>: Detects all of myoplasma species found in cell cultures</p> <p>: Components of the kit:</p> <p>: Mycoplasma Test Master Mix (lyophilized): including primer sets, nucleotides, internal amplification control, and DNA polymerase</p> <p>: Positive Control DNA (lyophilized)</p> <p>: Tris Buffer (10 mM)</p> <p>: Rehydration Buffer</p>
<b>WGK:</b>	1
<b>Storage:</b>	2-8°C
<b>Shipment:</b>	wet ice
<b>CS:</b>	38220000
<b>Comment</b>	<p>PCR Mycoplasma Test Kit I is designed to detect the presence of mycoplasma contamination with very high sensitivity in biological materials, such as cultured cells. The detection limit of the kit is only 2-5 mycoplasma per sample volume. The PCR primer set is specific to the highly conserved rRNA operon of mycoplasma species. All mycoplasma species occurring as contaminants in mammalian cell cultures will be detected (<i>M. arginini</i>, <i>M. orale</i>, <i>M. hyorhinis</i>, <i>M. salivarium</i>, <i>M. fermentans</i> and more). The protocol includes a) short sample preparation just from the cell culture supernatant, b) PCR and c) gel electrophoresis for analysis. In case of a mycoplasma contamination a PCR product of 267 bp will be amplified. This kit also provides an internal control DNA: a successful PCR is indicated by a 191 bp band on agarose gels. PCR Mycoplasma Test Kit I includes all PCR components as a lyophilized PCR master mix, including polymerase.</p>

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