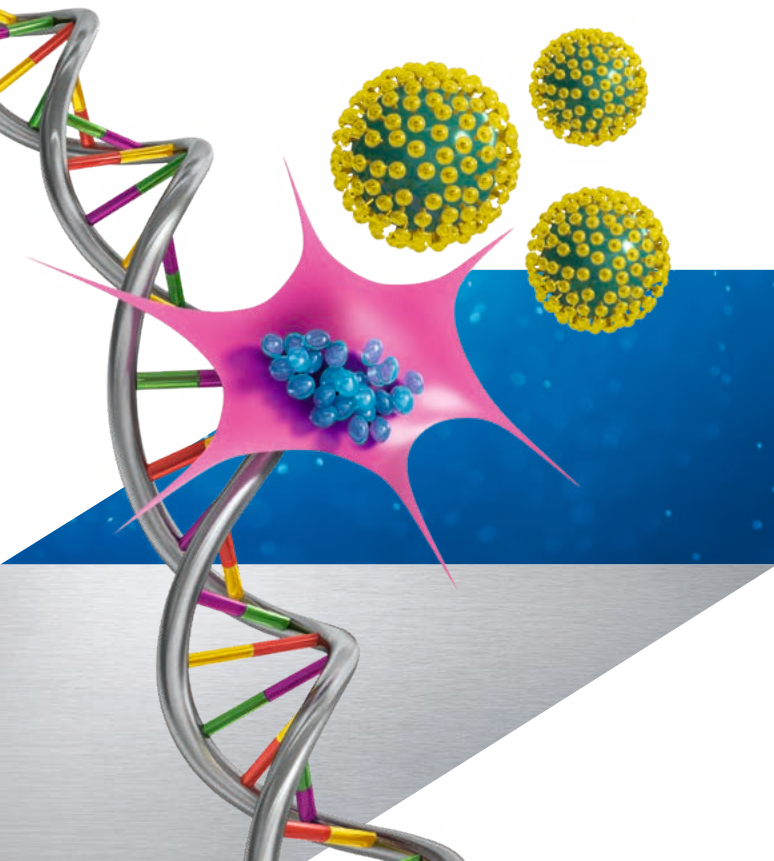


# MycoTOOL Mycoplasma Real-Time PCR Kit

## Rapid and accurate testing

Mycoplasmas are a common source of contamination in biopharmaceutical production, cell therapy, and tissue engineering, with contamination rates reported between 15 and 35% according to recent industry data.\*

The Roche MycoTOOL Real-Time PCR Kit makes mycoplasma testing fast, easy and reliable. Avoid the 28-day culture test and obtain results in just a few hours.



### Achieve high sensitivity and specificity through improved tests

- $\leq 10$  CFU/ml, meeting regulatory requirements
- No cross reactivity with closely related bacterial species

### Rely on an accurate, and robust test procedure

- Measures ~150 culturable and non-culturable mycoplasma species
- Optimized controls and validated reagents (mycoplasma free)

### Save time with easy-to-use kit and proven real-time PCR technology

- Automated workflow using automated sample preparation and Real-Time PCR
- <5 hours, including sample preparation\*\*

### Characteristics

#### MycoTOOL Mycoplasma Real-Time PCR Kit




<b>Sample prep</b>	1 ml cell culture from high throughput or manual sample preparations.
<b>Control concept</b>	Recovery of sample preparation is controlled using an internal control.
<b>Enhanced specificity</b>	~150 mycoplasma species can be detected. The probe format ensures that nonspecific amplicons are <b>not</b> detected**.
<b>All reagents included</b>	Supplied and ready-to-use reagents jump start your assay.
<b>High cell densities</b>	Unprocessed bulk of standard cell concentrations (e.g., $5 \times 10^6$ CFU/ml) processed directly.
<b>High quality</b>	Roche is certified according to ISO 13485. Change notification available upon request.

\*Armstrong SE, Mariano JA, Lundin DJ. The scope of mycoplasma contamination within the biopharmaceutical industry. *Biologicals*. 2010 Mar;38(2):211-3. <https://www.ncbi.nlm.nih.gov/pubmed/20362237>. Date accessed: Dec 11, 2020. \*\*Data on file.

For customers in the European Economic Area: Contains SVHC: octyl/nonylphenol ethoxylated.

For use in analytical activities such as monitoring and quality control and under controlled conditions only – acc. to Art. 56.3 and 3.23 REACH Regulation.

The MycoTOOL Mycoplasma Real-Time PCR Kit is easily combined with the MagNA Pure 96 Automated Sample Preparation System and the LightCycler® 480 Real-Time PCR Instrument for high throughput automated workflows.

<b>Application</b>	Batch testing Flexible sample volume	Batch testing Flexible sample volume	Real Time PCR
<b>Instrument</b>	<b>MagNA Pure 96 Instrument</b> 	<b>MagNA Pure 24 Instrument</b> 	<b>LightCycler® 480 Instrument II (96 well version)</b> 
<b>Catalog number</b>	06 541 089 001	07 290 519 001	05 015 278 001 (96 well)
<b>Kit</b>	MagNA Pure 96 DNA and Viral NA Large Volume Kit	MagNA Pure 24 Total NA Isolation Kit	MycoTOOL Mycoplasma Real-Time PCR Kit (160 PCR reactions)
<b>Catalog number</b>	06 374 891 001	07 658 036 001	06 495 605 001

## Ordering information

### Product

MycoTOOL Mycoplasma Real-Time PCR Kit  
(160 PCR reactions)

### Catalog number

06 495 605 001

### Related products

QC Sample Preparation Kit

MycoTOOL Mycoplasma Detection Amplification Kit

### Catalog number

08 146 829 001

05 184 240 001

## Regulatory disclaimer

For use in quality control/manufacturing process only.

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LightCycler® 480 Instrument: for life science research only. Not for use in diagnostic procedures.

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