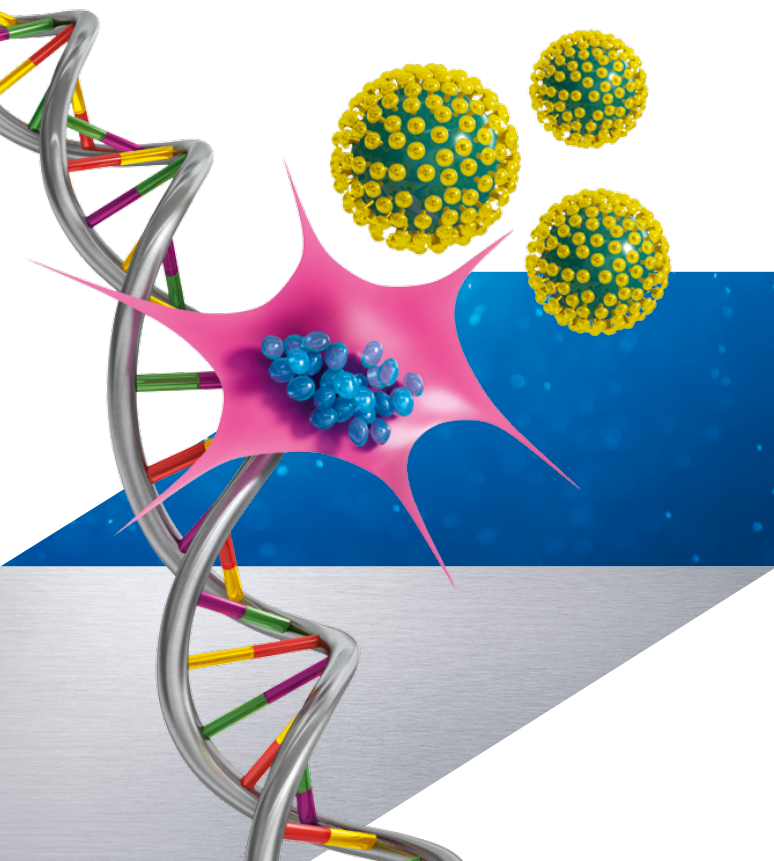


## MycoTOOL Mycoplasma Real-Time PCR Kit

### *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 Detection Kit**

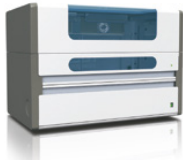


<b>Sample prep</b>	1 ml cell culture from high throughput or manual sample preparations.
<b>Control concept</b>	Recovery of sample preparation is controlled using an internal control.
<b>Enhanced specificity</b>	~150 mycoplasma species can be detected. The probe format ensures that nonspecific amplicons 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: Jan 11, 2017. \*\*Data on file.

For use in quality control/manufacturing process only.

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	Evaluation Single samples	Real Time PCR
<b>Instrument</b>	<b>MagNA Pure 96 Instrument</b> 	<b>Manual Extraction</b> 	<b>LightCycler® 480 Instrument II (96 well version)</b> 
<b>Catalog number</b>	06 541 089 001		05 015 278 001 (96 well)
<b>Kit</b>	MagNA Pure 96 DNA and Viral NA Large Volume Kit	MycoTOOL Mycoplasma Detection Prep Kit	MycoTOOL Mycoplasma Real-Time PCR Kit (160 PCR reactions)
<b>Catalog number</b>	06 374 891 001	05 184 592 001	06 495 605 001

## Ordering information

### Product

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

### Catalog number

06 495 605 001

### Related products

#### MycoTOOL PCR Mycoplasma Detection Kit (Block PCR analysis via gel)

QC Sample Preparation Kit

08 146 829 001

MycoTOOL Mycoplasma Detection Prep Kit

05 184 592 001

MycoTOOL Mycoplasma Detection Amplification Kit

05 184 240 001

## Regulatory disclaimer

For use in quality control/manufacturing process only. The LightCycler® 480 Instrument is for life science research only. Not for use in diagnostic procedures.

## Trademark

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