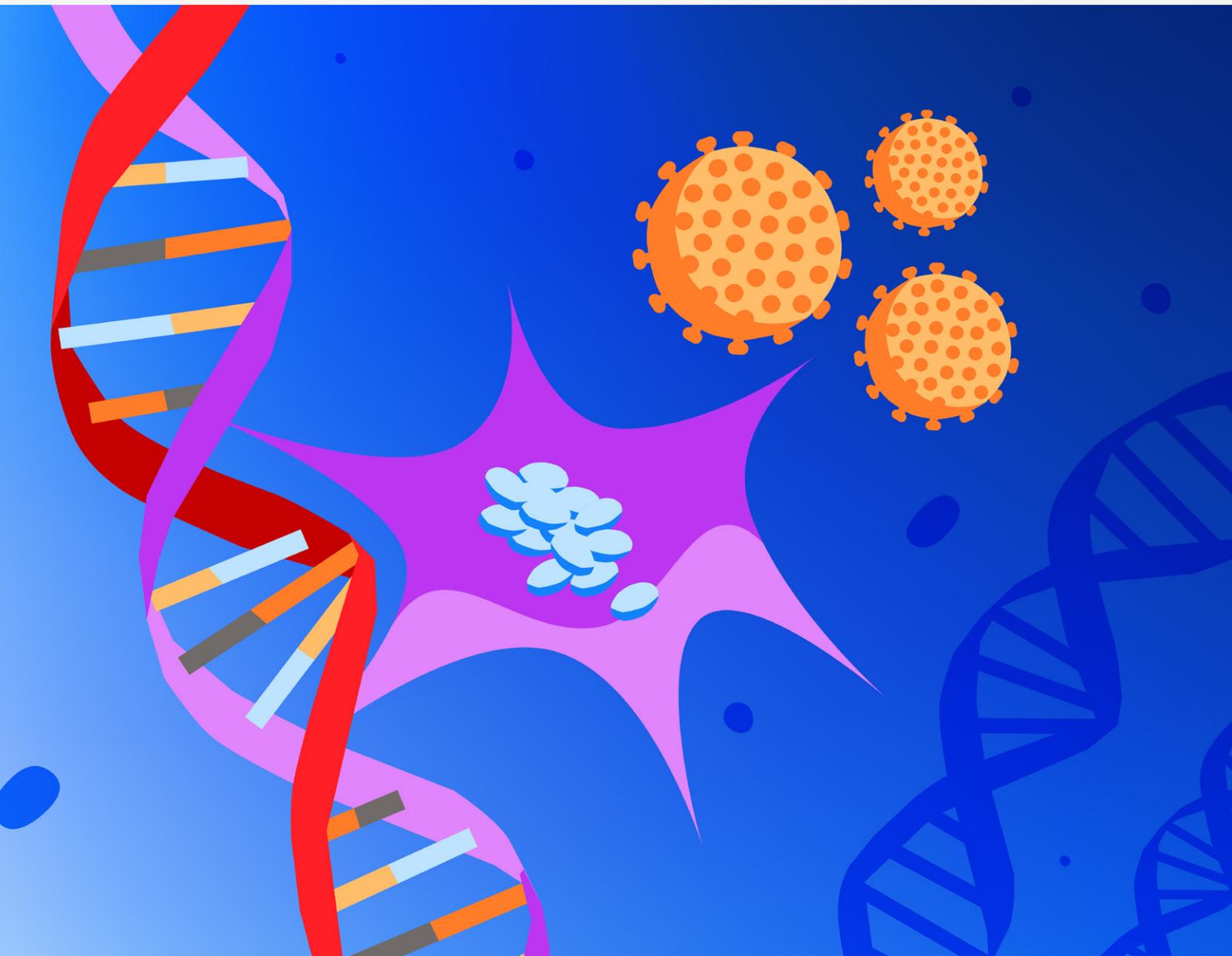


MycotoOL Mycoplasma Real-Time PCR Test System

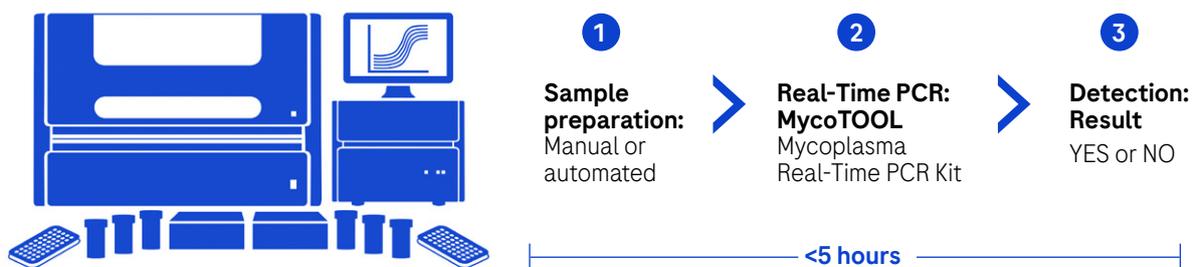
Revolutionize your mycoplasma QC testing



MycoTOOL Mycoplasma – Real-Time PCR Test System

Building on more than a decade of mycoplasma testing innovation, Roche CustomBiotech offers the **MycoTOOL Mycoplasma Real-Time PCR Test System**, which empowers you to transform your mycoplasma QC strategy by replacing time consuming culture methods with rapid, accurate PCR-based testing. The system combines optimized DNA purification with real-time PCR, offering you a reliable and versatile screening approach to confirm the absence of mycoplasma contamination with a single test – in hours instead of weeks.

Go from sample to result in hours with real-time PCR



Robust design

for fast, accurate mycoplasma detection



Universal primers enable broad detection of ~150 mycoplasma species



TaqMan® probes and touchdown protocol provide sensitive, accurate detection



Multiple efficient sample preparation options that fit throughput needs



Same-day results, with no culturing required, supports in-house testing



Comprehensive control set included to provide high confidence in results



All-inclusive kits with mycoplasma-free reagents reduce risk of contamination



Useful for a variety of testing points such as raw materials and in-process testing



Adaptable protocol offers flexibility for application needs

E.P. = European Pharmacopoeia; NAT = nucleic acid amplification techniques

* High-throughput method: MagNA Pure 96 System + MycoTOOL Mycoplasma Real-Time PCR Kit + LightCycler® 480 II Real-Time PCR Instrument.

Roche validation information is available for users under a confidentiality agreement.

Sample preparation options for your lab's changing throughput needs

Roche offers a range of sample preparation solutions that easily integrate with the MycoTOOL Mycoplasma Real-Time PCR Kit, giving you the choice of manual DNA extraction for low-throughput workflows or automated extraction to increase efficiency for medium- and high-throughput workflows.

Rapid, accurate, and reliable mycoplasma detection with a single test



Proven technology

to advance your QC testing strategy



Demonstrated sensitivity to ≤ 10 CFU/mL for common mycoplasma species



Proven specificity avoids cross-reactivity with closely related bacterial species



Validated according to E.P. 2.6.7 NAT validation guidelines*



Validated test methods accepted by regulatory agencies for lot release**

Automated MagNA Pure 96 System

MagNA Pure 96 DNA and Viral Nucleic Acid Large Volume Kit



Automated MagNA Pure 24 System

MagNA Pure 24 DNA and Viral Nucleic Acid Large Volume Kit



Manual QC Sample Preparation Kit



** The MycoTOOL Mycoplasma Real-Time PCR Kit has been chosen by manufacturers for mycoplasma lot release test methods that they have validated and received acceptance by many regulatory agencies for select clinical or commercial products. Manufacturers are required to perform validation for the mycoplasma lot release test method for their product.

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

Ordering information

Products	Catalog Number
MycotoOL Mycoplasma Real-Time PCR Kit (160 PCR reactions)	06 495 605 001
Related products	
QC Sample Preparation Kit	08 146 829 001
MycotoOL Mycoplasma Detection Amplification Kit	05 184 240 001

Regulatory Disclaimer

MycotoOL Mycoplasma Real-Time PCR Kit: For use in quality control/manufacturing process only.
LightCycler® 480 Instrument: for life science research only. Not for use in diagnostic procedures.
MagNA Pure24 and SystemMagNA Pure 96 System: For in vitro diagnostic use.

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