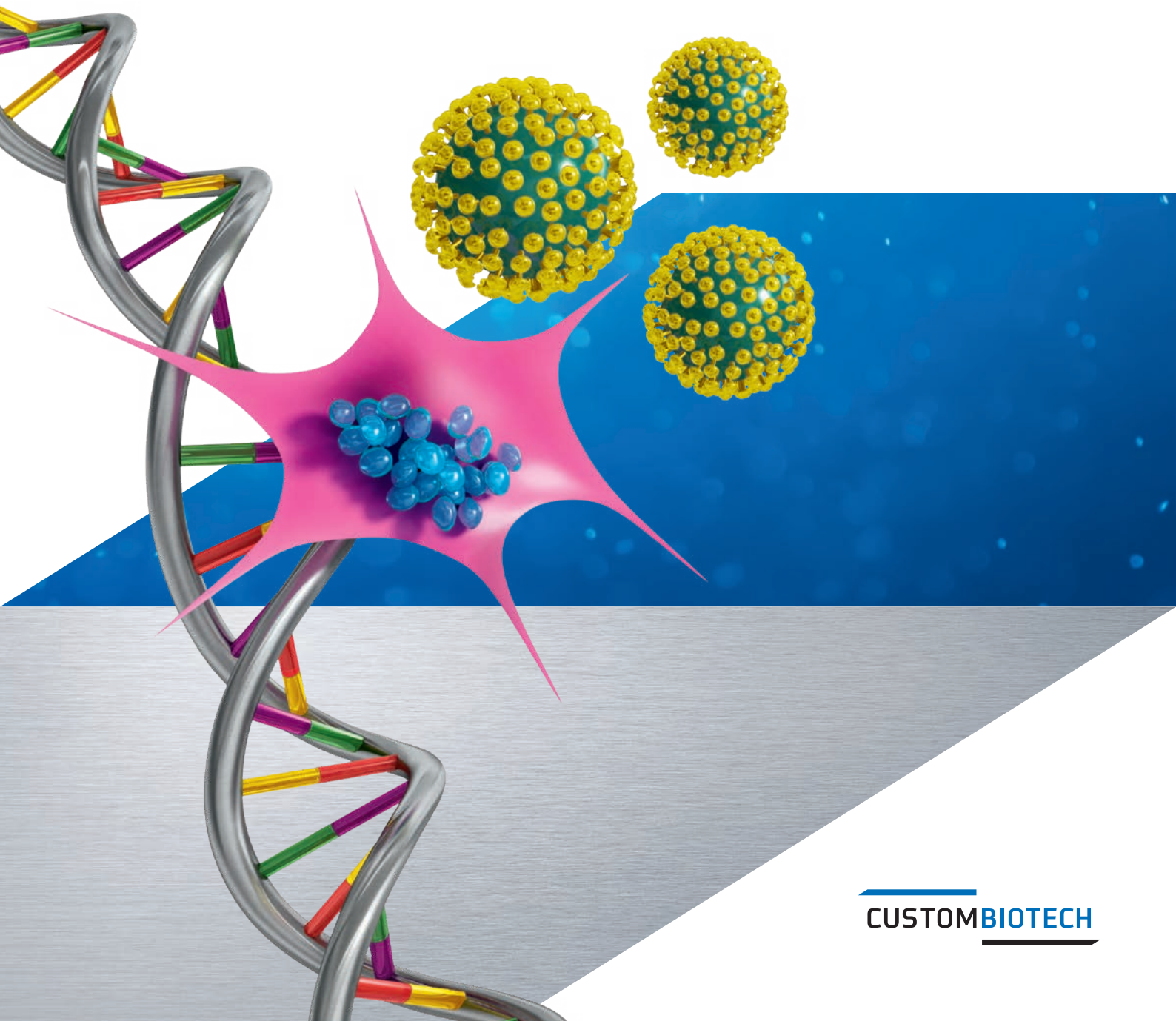


MycotoOL Mycoplasma Real-Time PCR Test System

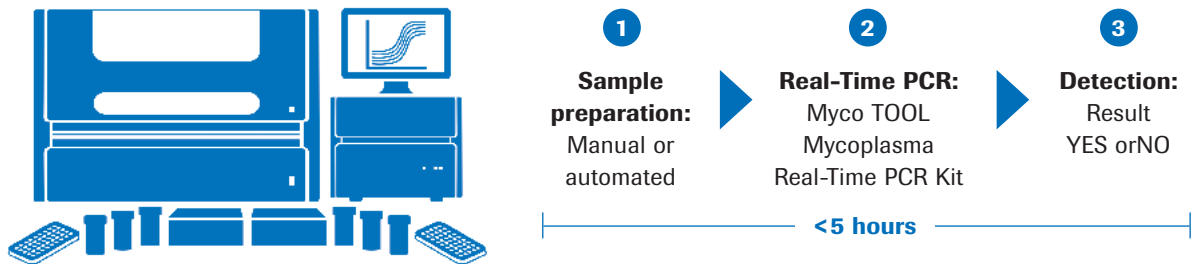
Revolutionize your mycoplasma QC testing



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

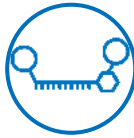


Robust design

for fast, accurate mycoplasma detection



Universal primers enable broad detection of ~150 mycoplasma species



TaqMan® probes and touchdown protocol provide sensitive, accurate detection

Versatility

to support your lab's evolving needs



Multiple efficient sample preparation options that fit throughput needs



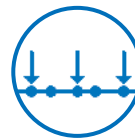
Same-day results, with no culturing required, supports in-house testing



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 instrument + MycoTOOL Mycoplasma Real-Time PCR Kit + LightCycler® 480 II Real-Time PCR Instrument.

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**

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.

Automated



MagNA Pure 96 system
MagNA Pure 96 DNA and Viral Nucleic Acid Large Volume Kit






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 Instrument  | MagNA Pure 24 Instrument  | 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 (160 PCR reactions) |
| Catalog number | 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

08 146 829 001

MycotoOL Mycoplasma Detection Amplification Kit

05 184 240 001

Regulatory disclaimer

For use in quality control/manufacturing process only.

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

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