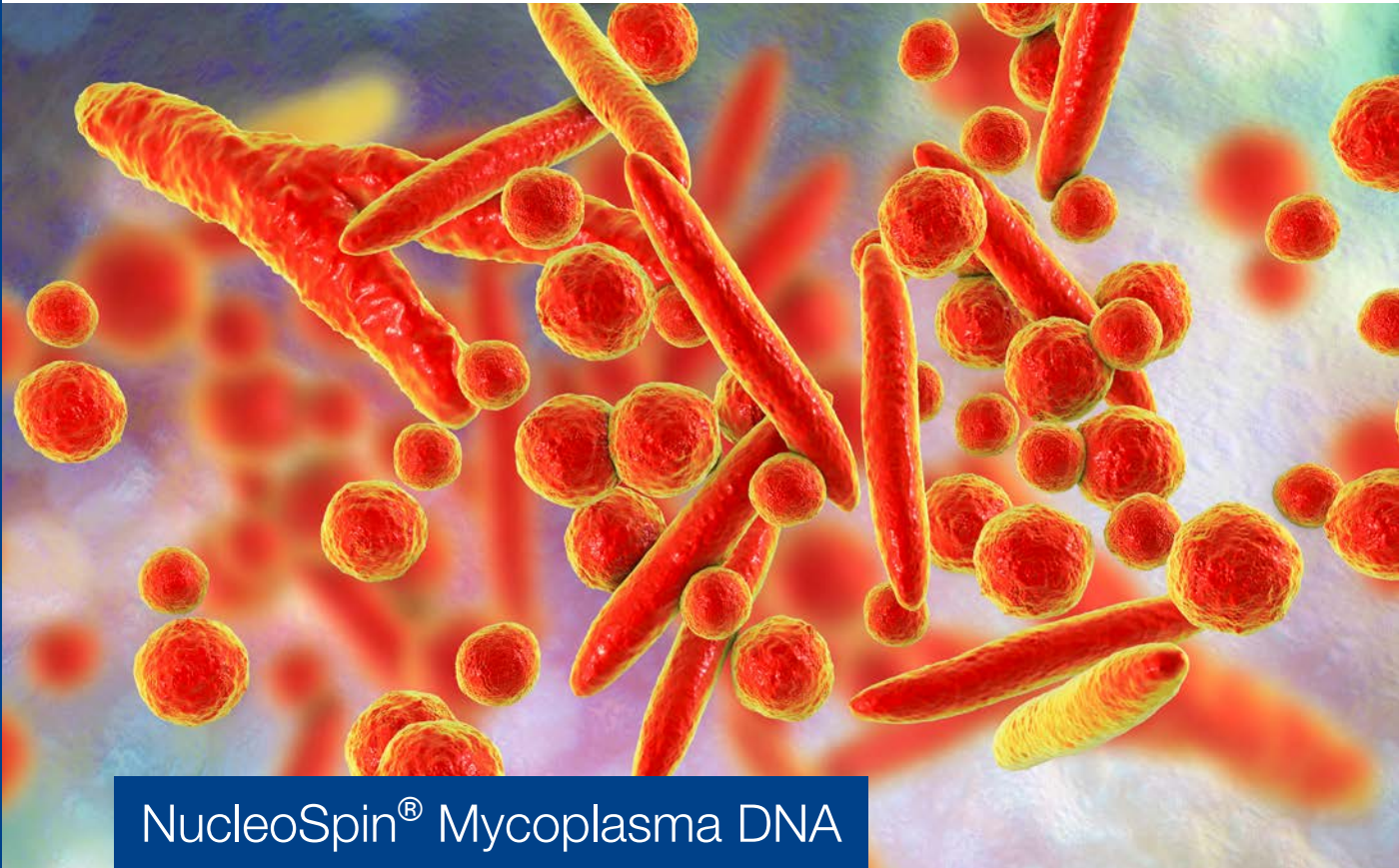


MACHEREY-NAGEL

Mycoplasma DNA from cell culture material

Bioanalysis



NucleoSpin[®] Mycoplasma DNA

Mycoplasma DNA isolation for your safety!

- Suitable to meet requirements of EP 2.6.7 and JP G3
- High sensitivity – Isolation of small traces of mycoplasma DNA
- Alternative for culture method and indicator cell culture method

MACHEREY-NAGEL

www.mn-net.com



Mycoplasma DNA from cell culture material

NucleoSpin® Mycoplasma DNA

Mycoplasma is a group of bacteria that differ significantly from conventional bacteria due to their unique characteristics. These microorganisms are ubiquitous in nature and can be found in various environments. Mycoplasma contamination can influence eukaryotic cells in multiple ways. They are known to disrupt cellular functions, compromise protein expression, and induce changes in cell morphology. As a result, the presence of mycoplasma can significantly impact the integrity and reliability of cell-based assays and experiments, leading to unreliable research outcomes and potentially endangering the safety and efficacy of biopharmaceutical products. The NucleoSpin® Mycoplasma DNA kit is able to isolate smallest traces of mycoplasma DNA from cell culture material and is suitable for mycoplasma testing according to EP 2.6.7 and JP G3.



Product at a glance

Technology	Silica-membrane technology
Format	Mini spin columns
Sample material	2 mL cell culture suspension, up to approx. 5×10^6 cells (pelleted), cell culture media, cell culture supernatant (2 mL)
Fragment size	Approx. 100 bp–50 kb
Elution volume	34 μ L
Preparation time	50 min/6 preps



Product features

- Suitable for qPCR Mycoplasma DNA contamination testing
- Meets requirements for mycoplasma testing according to EP 2.6.7 and JP G3
- Every kit lot tested for nondetectability of mycoplasma DNA (no mycoplasma DNA background within the kit)
- Carrier RNA and Proteinase K included
- No cross-contamination due to closed systems



Check manual for validation data

[qr.mn-net.com/qr/\(IFU\)740860.50](http://qr.mn-net.com/qr/(IFU)740860.50)

Ordering information

Product	Pack of	REF
NucleoSpin® Mycoplasma DNA	50	740860.50
Liquid Proteinase K	5 mL	740396
MN Bead Tubes Type A (DNA and nuclease free)	50	740786.50

Questions?

Contact the experts from MACHEREY-NAGEL technical support!

support@mn-net.com
+49 (0) 2421 969 333



www.mn-net.com

MACHEREY-NAGEL



Management System
EN ISO 13485:2016
ISO 9001:2015

www.tuv.com
ID 0000056401



MACHEREY-NAGEL GmbH & Co. KG · Valencienner Str. 11 · 52355 Düren · Germany

DE +49 24 21 969-0 info@mn-net.com

CH +41 62 388 55 00 sales-ch@mn-net.com

FR +33 388 68 22 68 sales-fr@mn-net.com

US +1 888 321 62 24 sales-us@mn-net.com