

Genomic DNA purification products from MACHEREY-NAGEL



Total DNA Mini spin kit for FFPE samples

Improved DNA quality – easy paraffin removal

NucleoSpin® FFPE DNA



Decrosslinked DNA for best performance

Ready to use for all typical downstream applications

No xylene needed

Easy and safe paraffin removal

Concentrated DNA

XS design columns for smallest elution volumes down to 5 μ L

... for superior PCR performance

MACHEREY-NAGEL

www.mn-net.com



Since 1911

NucleoSpin® FFPE DNA

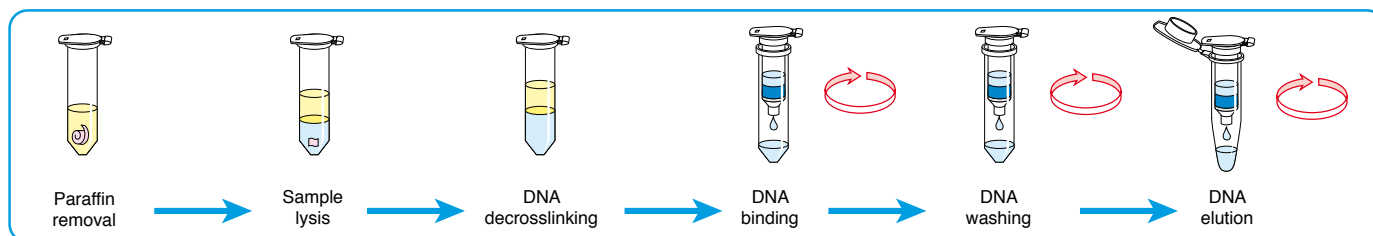
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Product at a glance

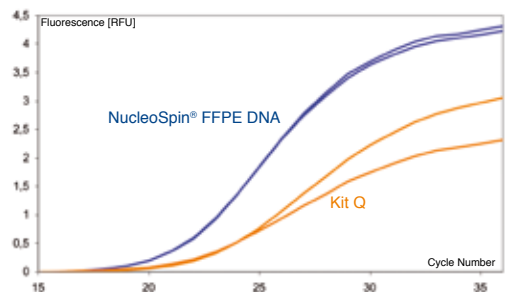
Technology	Silica-membrane technology
Format	Mini spin columns – XS design
Sample material	Up to 7 sections (10 µm) of 250 mm ² total area, or up to 15 mg paraffin
DNA yield	Depending on amount and quality of the sample
Typical DNA quality	Ratio A ₂₆₀ /A ₂₈₀ 1.7 – 1.9
Elution volume	5 – 30 µL
Preparation time	45 min + lysis time (3h – overnight)

Procedure



Application data

► Outstanding PCR performance due to efficient recovery of well decrosslinked DNA



DNA was isolated from formalin-fixed and paraffin-embedded rat liver tissue with NucleoSpin® FFPE DNA (2x, blue graphs) and with a FFPE mini elution kit from competitor Q (2x, orange graphs).

DNA, isolated with NucleoSpin® FFPE DNA is consistently high in yields and shows better performance in the PCR reaction than the competitor kit.

Roche LightCycler® real-time PCR, target length: 100 bp.

Starting material each: 1 section FFPE rat liver; overnight lysis; 30 µL elution volume.

Ordering information

Product	Preps	REF
Mini spin columns – XS design		
NucleoSpin® FFPE DNA		
Mini spin kit for the isolation of DNA from formalin-fixed, paraffin-embedded samples Includes Paraffin Dissolver and decrosslinking buffer	10/50/250	740980.10/.50/.250
Buffers and reagents		
Paraffin Dissolver		
Solvent for easy paraffin removal		740968.25

Your local distributor

www.mn-net.com

MACHEREY-NAGEL



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