

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

BIOKÉ
sharing knowledge

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Since 1911

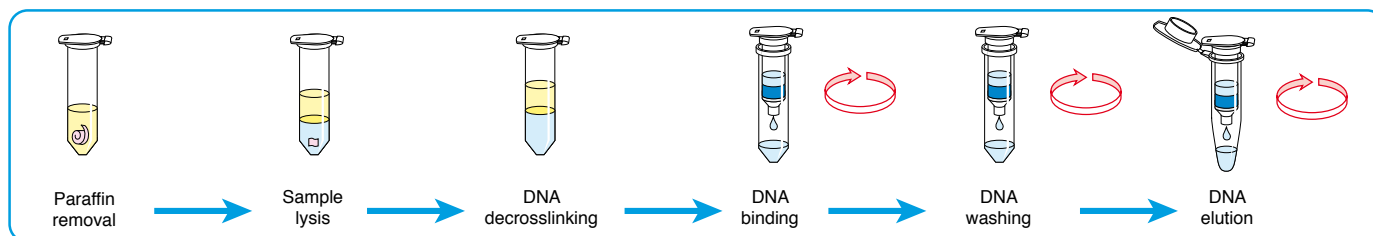
NucleoSpin® FFPE DNA

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Product at a glance

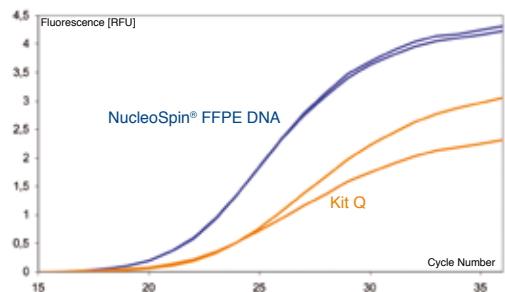
| | |
|---------------------|---|
| Technology | Silica-membrane technology |
| Format | Mini spin columns – XS design |
| Sample material | Up to 7 sections (10 µm) of 250 mm ² total area, or up to 15 mg paraffin |
| DNA yield | Depending on amount and quality of the sample |
| Typical DNA quality | 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

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