

MACHEREY-NAGEL

Concentrated clean up with  
small elution volumes

Bioanalysis



NucleoSpin<sup>®</sup> Gel and PCR Clean-up XS

Small, yet powerful!

- Rapid concentration and clean up of PCR products
- 2 in 1 kit for reaction mixtures and gel extraction
- XS column design enables elution of highly concentrated DNA

**MACHEREY-NAGEL**

[www.mn-net.com](http://www.mn-net.com)



# PCR clean-up and gel extraction from small samples

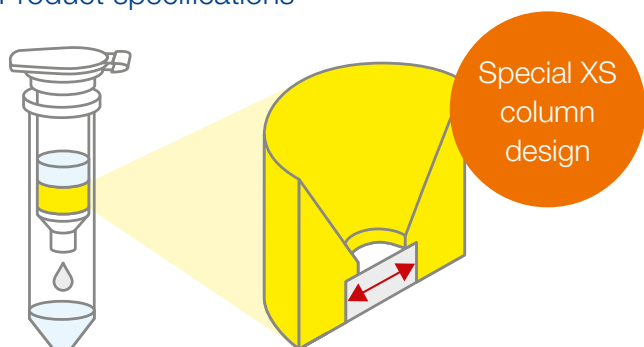
## NucleoSpin® Gel and PCR Clean-up XS – Small, yet powerful!

The NucleoSpin® Gel and PCR Clean-up XS procedure is the easiest way to concentrate and purify DNA fragments from agarose gels as well as for direct purification of PCR products. The new XS kit contains specialized XS columns to ensure highly efficient recovery of DNA fragments with even very small elution volumes of only 6 µL. The special XS column design funnels every drop of elution buffer directly through the specialized silica membrane thereby achieving maximum concentration of your sample.

Our new NucleoSpin® Gel and PCR Clean-up XS kit will of course also reliably remove primers, enzymes and free dNTPs. It recovers high DNA yields and will provide you with pure, high quality DNA - ready-to-use for PCR, arrays, ligation, sequencing, etc.



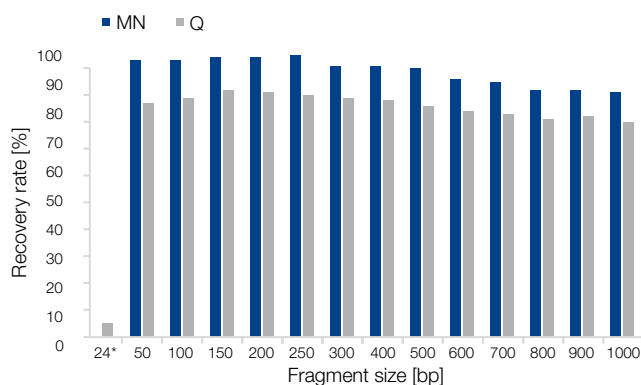
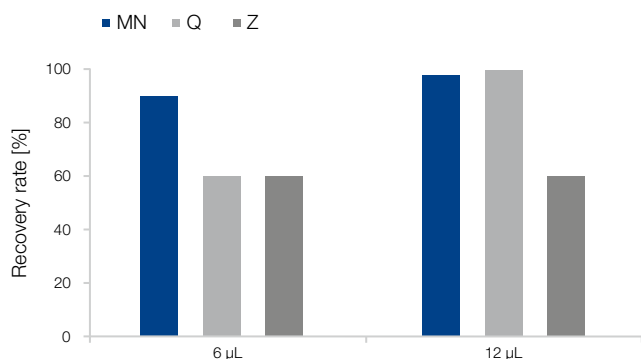
## Product specifications



### XS NucleoSpin® Gel and PCR Clean-up XS

Technology and Format	Silica membrane, XS format
Sample material	PCR reaction mixture, agarose gel
Sample amount	< 200 µL PCR reaction mixture, < 200 mg agarose gel
Fragment size	50 bp–approx. 20 kbp
Typical recovery	70–95 %
Elution volume	6–12 µL
Processing time	15 min/6 preps

## Application data



### Concentrated clean up and with small elution volumes

Superior DNA recovery compared to competitors Q and Z for small elution volumes. NucleoSpin® Gel and PCR Clean-up XS achieves very high recovery rates for fragments down to 50 bp, demonstrating the ability for gel extractions to reliably purify even short fragments into as little as 6 µL of elution volume.

\* The competitor kit failed to reliably remove primers from the sample.

## Ordering information

Product	Specifications	Preps	REF
NucleoSpin® Gel and PCR Clean-up XS	Mini prep kit for concentrated clean up with small elution volumes – NucleoSpin® Gel and PCR Clean-up XS Columns, Collection Tubes (2 mL), buffers	10 / 50 / 250	740611.10/.50/.250
Buffer NTI	Binding Buffer NTI	200 mL	740305.120
NucleoSpin® Gel and PCR Clean-up XS Columns	NucleoSpin® Gel and PCR Clean-up XS Columns	50	740611.50S

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# MACHEREY-NAGEL



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