

DNA purification products from MACHERY-NAGEL

PCR clean-up and gel extraction

The superior 2 in 1 clean-up kit ...

NucleoSpin[®] Gel and PCR Clean-up



Two applications in one kit

One buffer for both PCR clean-up and gel extraction

High recovery for any fragment size

Efficient purification of fragments down to 50 bp

Binding buffer with pH indicator

Easy visualization of correct binding conditions

... a complete solution

MACHERY-NAGEL

www.mn-net.com

NucleoSpin® Gel and PCR Clean-up

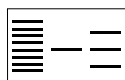
The superior 2 in 1 clean-up kit

Product at a glance

Sample material	< 400 µL PCR reaction mix / < 400 mg TAE/TBE agarose gel
Fragment size	50 bp–20 kbp
Typical recovery	70–95 %
A ₂₆₀ / A ₂₈₀	1.8–1.9
Elution volume	15–30 µL
Preparation time	10 min / 6 preps
Binding capacity	25 µg

Procedure

Agarose gel



or

PCR mix



Add Buffer NTI (with pH indicator)

- Yellow color = correct conditions
- Green color = pH slightly too high, adjustment recommended*
- Blue color = pH too high, adjustment necessary*

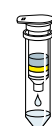
Optional binding buffers available:

- Buffer NTC (ss DNA)
- Buffer NTB (SDS samples)

Binding



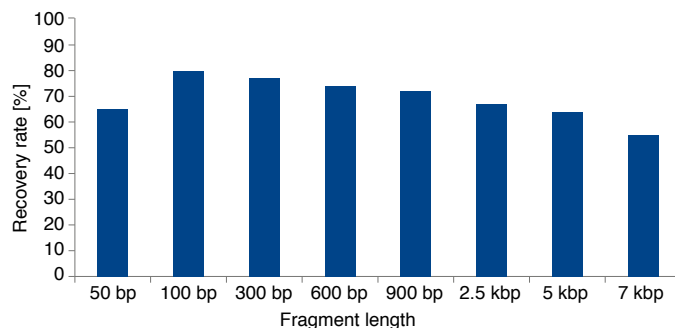
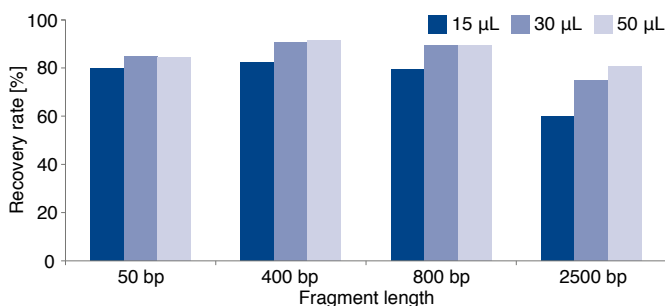
Washing



Elution



Application data



PCR clean-up: High recovery down to 50 bp

DNA fragments of different sizes were purified from standard PCR buffer using NucleoSpin® Gel and PCR Clean-up (Elution volume: 15 µL, 30 µL, 50 µL). DNA was analyzed and quantified by Agilent Bioanalyzer 2100.

Gel extraction: High recovery in a wide range of fragment sizes

DNA fragments of different sizes were purified from 1 % TAE agarose gel by NucleoSpin® Gel and PCR Clean-up. DNA was analyzed and quantified by Agilent Bioanalyzer 2100.

Ordering information

Single prep (spin columns)	Preps	REF
NucleoSpin® Gel and PCR Clean-up Mini spin kit for PCR clean-up and gel extractions	10/50/250	740609.10/.50/.250

Related products

Buffer	Vol.	REF
Buffer NTC Binding buffer for purification of single stranded DNA	100 mL	740654.100
Buffer NTB Binding buffer for DNA purification from SDS-containing samples	150 mL	740595.150

* see user manual or contact MN Technical Support

Your local distributor

www.mn-net.com

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