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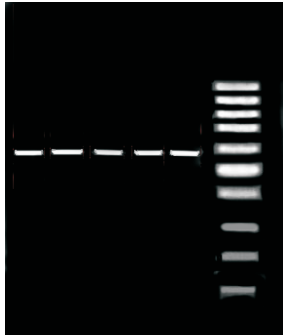
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NBS

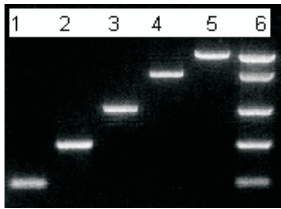
DNA Purification

Spin Column Purification Kits

For PCR, Gel Extraction, Enzymatic Reactions and Plasmid Extraction



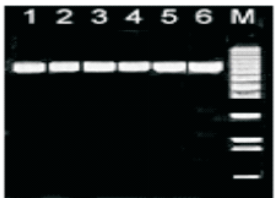
Gel electrophoresis of PCR products purified using Spin Column PCR Products Purification Kit. Right Lane is DNA marker.



1.2% Agarose Gel. 1 to 5 are DNA fragments after gel extractions. 6 is DNA marker.



Gel electrophoresis of the PCR products purified using Spin Column DNA Cleanup Minipreps Kit. Lane 1 is DNA marker.



Gel electrophoresis of plasmid DNA purified from Spin Column Plasmid DNA Minipreps Kit. Lanes 1 to 6 are purified plasmid DNA (pUC18). Lane 7 is DNA marker.

High Quality kits for DNA Extraction & Purification

£30 (50 prep), £67 (100 prep), £168 (250 prep)

“ You will be pleased to know that we had a much higher yield with your spin columns, compared to your leading competitor, Qiagen. The yield was 3-4 times higher.
 (Division of Parasitology, NIMR) ”

“ Using only 3X the PCR reaction volume of binding buffer, as opposed to 5X with Qiagen, is actually a real plus - it makes it easier to mix the binding buffer in the PCR tube without transferring to a 1.5 ml eppendorf first.
 (Department of Genetics, University of Cambridge) ”

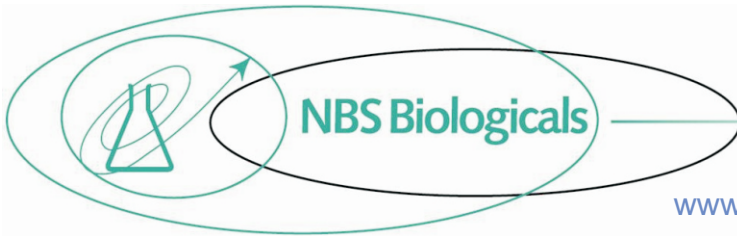
1. PCR Purification
 2. Reaction Cleanup
 3. Gel Extraction
 4. Plasmid Miniprep

“ They performed as well as your competitors in terms of yield and quality of the plasmid DNA. There's no major difference in the columns but the key and appealing difference is the price, being a little over half the price of most of the comparable products.
 (MRC Mitochondrial Biology Unit, Cambridge) ”

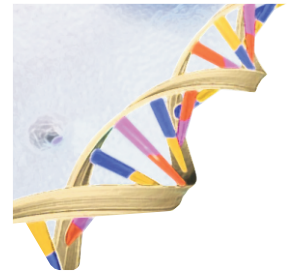
Ordering Information

Spin Column Gel Extraction Kit	NBS-353	50 preps	£36
Spin Column Gel Extraction Kit	NBS-354	100 preps	£67
Spin Column Gel Extraction Kit	NBS-654	250 preps	£168
Spin Column PCR Purification Kit	NBS-363	50 preps	£36
Spin Column PCR Purification Kit	NBS-364	100 preps	£67
Spin Column PCR Purification Kit	NBS-664	250 preps	£168
Spin Column Plasmid Miniprep Kit	NBS-413	50 preps	£36
Spin Column Plasmid Miniprep Kit	NBS-414	100 preps	£67
Spin Column Plasmid Miniprep Kit	NBS-614	250 preps	£168
Spin Column Reaction Cleanup Kit	NBS-367	50 preps	£36
Spin Column Reaction Cleanup Kit	NBS-368	100 preps	£67
Spin Column Reaction Cleanup Kit	NBS-668	250 preps	£168

please turn over



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PCR Product
Enzymatic Reactions
Solubilised Gel Slice
Lysed Cells



Bind



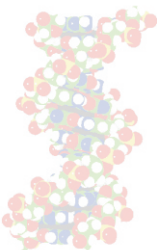
Wash



Elute



Pure DNA



Spin Column Gel Extraction Kit

The kit provides a simple and efficient method for DNA extraction from agarose gel. It is also an ideal tool to desalt the solution as well as to remove residual organic solvents or unincorporated nucleotides or primers (<40-mer) from reaction mixture containing DNA. The kit utilises a spin column technology which adsorbs selectively up to 20 ug DNA fragments in the presence of specialised binding buffers. Nucleotides, enzymes, mineral oil and other impurities do not bind to the column and are eliminated. DNA fragments can be eluted readily in elution buffer and used for DNA sequencing, restriction digestion, and other downstream applications. Recovering yield ranges from 60 to 80%. No phenol / chloroform extraction or ethanol precipitations are required

Spin Column PCR Purification Kit

The kit utilises membrane technology which selectively adsorbs up to 20 ug PCR products or DNA fragments in the presence of specialised binding buffer. Primers (<40-mer), nucleotides, enzymes, mineral oil and all other impurities are not able to bind and hence eliminated from the column. PCR products or DNA fragments are eluted readily in elution buffer. No phenol/chloroform extraction, no ethanol precipitation. Whole procedure takes approx 12-15 minutes. Purified PCR products and DNA fragments can be used readily in all downstream applications including digestion, cloning and DNA sequencing. The kit can also be used for concentration of DNA fragments as well as removal of impurities such as salts and proteins.

Note: If PCR mixture contains non-specific or undesired DNA fragments, PCR product must be first purified by agarose gel. In this case, DNA Gel Extraction Kit (NBS-353 / NBS-354 / NBS-654) is recommended.

Spin Column Plasmid Miniprep Kit

This kit provides a simple and efficient method for mini plasmid DNA purification from bacterial culture. Plasmid DNA is selectively adsorbed by spin column and impurities such as proteins, salts and nucleotides are washed away. Plasmid DNA can be eluted in a small volume of Tris buffer. The whole procedure takes about 12 minutes. No phenol/chloroform, no ethanol precipitations are required. Purified plasmid DNA can be used for all downstream applications including PCR, DNA sequencing, enzyme digestion and transformation. Note: This kit is used for preparation of up to 20 ug of pure plasmid DNA.

Spin Column Reaction Cleanup Kit

This DNA Cleanup kit provides a simple, efficient method for purification of DNA fragments from various enzymatic reactions such as cDNA synthesis, ligation, restriction digestions, tailing, PCR, dephosphorylation reaction, nick translation, dye terminators products from PCR reaction mixture. It is also an ideal tool to desalt the solution of DNA as well as to remove residual organic solvents or unincorporated nucleotides or primers (<40-mer) from reaction mixture. The kit utilises spin column technology which adsorbs selectively up to 20 ug DNA fragments in the presence of specialised binding buffers. Nucleotides, enzymes, mineral oil and other impurities that do not bind are eliminated from the column. DNA fragments can be eluted readily with elution buffer. No phenol/chloroform extraction, no ethanol precipitations are required. Purified DNA fragments and PCR products can be used for all downstream applications including DNA sequencing and cloning.

Free Samples Available!