

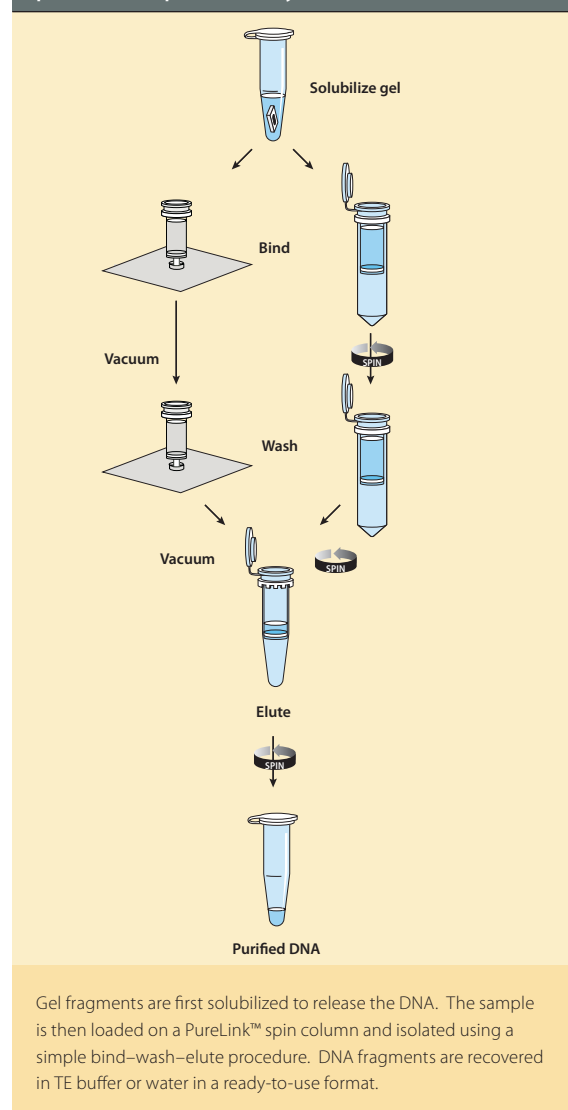
## Quick and easy gel extraction of DNA samples

- **Fast**—purify DNA fragments from 40 bp to 10 kb in <30 minutes
- **Versatile**—optimized for both standard and low-melt TAE and TBE agarose gels
- **Robust**—high binding capacity, DNA recovery up to 15 µg
- **Flexible**—designed to work with both vacuum and centrifugation protocols

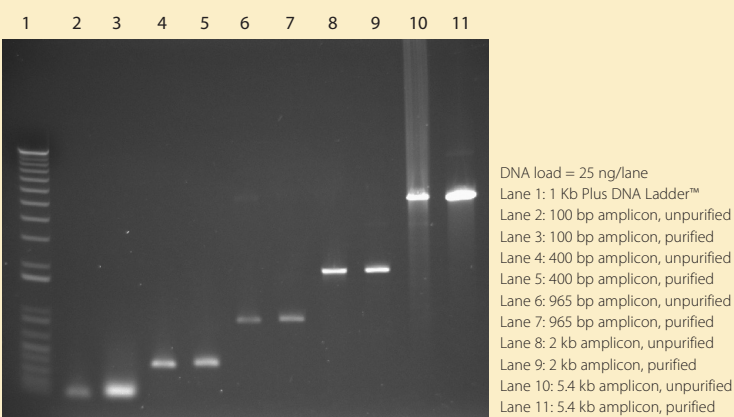
### Easy-to-use protocol

The PureLink™ Quick Gel Extraction Kit is designed to purify DNA fragments from agarose gels in less than 30 minutes (Figure 1). The simple procedure uses a unique silica-membrane spin column to capture and purify DNA fragments from 40 bp to 10 kb, without the need for pH adjustment. Isolated DNA is free of proteins, dye, and agarose, and is ready to use for a variety of applications, including automated fluorescent DNA sequencing, manual DNA sequencing, PCR, *in vitro* transcription, restriction mapping, cloning, and labeling.

**Figure 1—PureLink™ Quick Gel Extraction Kit procedure is quick and easy**



**Figure 2—High DNA recoveries over a wide size range**



PCR amplicons varying in size from 100 bp to 5.4 kb was prepared using recombinant Taq DNA Polymerase (Cat. No. 18038-018). A portion of each PCR reaction was run in a 6% (w:w) UltraPure™ agarose gel (Cat. No.15510-019; data not shown) and amplicon bands were excised and extracted using the PureLink™ Quick Gel Extraction Kit. Unpurified and gel extracted PCR products were loaded onto a 6% (w:w) agarose gel and visualized using SYBR Safe™ DNA Gel Stain (Cat. No. S33100).

**Table 1—Superior performance of the PureLink™ Quick Gel Extraction Kit**

Specifications	PureLink™ Quick Gel Extraction Kit	QIAquick Gel Extraction Kit
Technology	Silica-membrane spin column	Silica-membrane spin column
Starting material	≤400 mg agarose gel slice	≤400 mg agarose gel slice
Column reservoir capacity	850 µl	800 µl
Binding capacity	~15 µg DNA per column	~10 µg DNA per column
Elution volume	50 µl, min elution 30 µl	50 µl, min elution 30 µl
Recovery	up to 95% sample recovery	up to 95% sample recovery
DNA fragment size	40 bp to 10 kb	70 bp to 10 kb
Speed	30 min	30 min
Processing	Centrifugation or vacuum	Centrifugation or vacuum
Purity	A <sub>260/280</sub> >1.8	A <sub>260/280</sub> >1.8

**Ordering information**

For quick and easy purification of DNA fragments from agarose gels, use the PureLink™ Quick Gel Extraction Kit.

Product	Quantity	Cat. no.
PureLink™ Quick Gel Extraction Kit	50 preps	K2100-12
<b>Additional DNA Clean-Up Products from Invitrogen</b>		
PureLink™ PCR Purification Kit	50 preps	K3100-01
PureLink™ PCR Purification Kit	250 preps	K3100-02
PureLink™ PCR Purification Kit	4 × 96 preps	K3100-96
ChargeSwitch® PCR Clean-Up Kit	100 preps	CS12000
ChargeSwitch® PCR Clean-Up Kit	960 preps	CS12000-10
SYBR Safe™ DNA Gel Stain	1 L	S33100
UltraPure™ Agarose	100 g	15510-019

Learn more about Invitrogen's nucleic acid purification solutions online at [www.invitrogen.com/naprep](http://www.invitrogen.com/naprep).

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