

E.Z.N.A.[®] Gel Extraction Kit

Recovery of DNA fragments from agarose gels in 15 minutes

CAT NO: D2500, D2501



Rapid

DNA recovery from agarose gels in less than 15 minutes



Versatile

Spin and vacuum formats available



Quality

Sequence quality DNA preparations



Safe

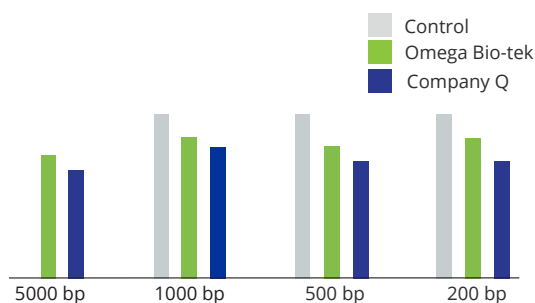
No phenol-chloroform extractions

Cost-Effective

30% less than the competition on average

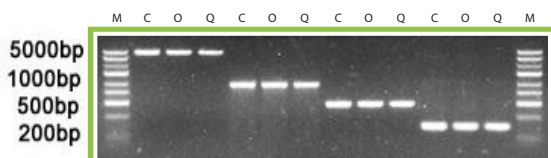
Gel purification of DNA is a common technique used for the isolation of specific DNA fragments from reaction products. However, most methods either fail to completely remove agarose (which can lead to problems in downstream manipulations), shear the DNA, or result in very low yields.

E.Z.N.A.[®] Gel Extraction Kit uses HiBind[®] spin column technology to purify DNA bands 70 bp-20 kb in length from all grades of agarose gels with up 85% recovery. The DNA band of interest is excised from the gel, dissolved in binding buffer and applied to a HiBind[®] DNA spin column. Following 3 wash steps, DNA is eluted with deionized water or elution buffer and is ready for downstream applications such as ligations, PCR amplification, restriction enzyme digestion, and various labeling reactions. This kit can also be used to purify DNA fragments from PCR products or enzymatic reactions.



Recovery Rate of Excised DNA vs. Company Q

Figure 1. Percent recovery of 4 different sizes of DNA bands from a 2% agarose gel with the E.Z.N.A.[®] Gel Extraction Kit (O, green) and a comparable kit from Company Q (Q, blue) according to manufacturer's recommended protocols. The original input amounts of DNA (C, gray) were normalized to 100% and the amount of DNA recovered was determined by optical density measurements with Thermo Scientific's NanoDrop[®] 2000c.

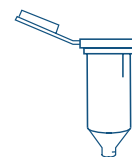


Available Formats

The E.Z.N.A.[®] Gel Extraction Kit is available with 2 different types of columns: V-spin columns have an attached cap (D2500) while Q-spin columns are capless (D2501). The columns are otherwise identical in use and application.



Q-spin
(capless)



V-spin
(attached cap)

Product Description	Preps	Cat No.
E.Z.N.A. [®] Gel Extraction Kit (V-spin, attached cap)	5	D2500-00
	50	D2500-01
	200	D2500-02

Product Description	Preps	Cat No.
E.Z.N.A. [®] Gel Extraction Kit (Q-spin, capless)	50	D2501-01
	200	D2501-02

For free samples of any of our kits, visit www.omegabiotek.com

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Citations

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