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DNA Clean & Concentrator

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Works for me

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ABSTRACT

- Plasmid DNA
- Binding Buffer
- DNA Wash Buffer
- DNA Elution Buffer or

Preparation

Add 24 ml 100% ethanol (26 ml 95% ethanol) to the 6 ml DNA Wash Buffer concentrate. Add 96 ml 100% ethanol (104 ml 95% ethanol) to the 24 ml DNA Wash Buffer concentrate.

Perform all centrifugation at $\geq 10000 \times g$.

Implementation

In a 1,5 ml microcentrifuge tube, add 2 - 7 volumes of DNA Bindung Buffer to each volume of DNA sample. Mix briefly by vortexing.

Application	Bindung Buffer : sample
plasmid, genomic DNA (> 2 kb)	2 : 1
PCR product, DNA fragment	5 : 1
ssDNA	7 : 1

Transfer mixture to a Zymo- Spin Column in a Collection Tube.

Centrifuge for 30 seconds. Discard the flow-through.

Add 200 μ l DNA Wash Buffer to the column. Centrifuge for 30 seconds. Repeat the wash step.

Add $\geq 6 \mu$ l DNA Elution Buffer or water directly to the column matrix and incubate at room temperature for one minute. Transfer the column to a 1,5 ml microcentrifuge tube and centrifuge for 30 seconds to elute the DNA.



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