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DNA Clean & Concentrator

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Igem Dusseldorf¹

¹Heinrich-Heine Universität Düsseldorf



Igem Dusseldorf

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Protocol status: Working

We use this protocol and it's working

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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.

	Appl icati on	Bind ung Buff er : sam ple
	plas mid, gen omic DNA (> 2 kb)	2 : 1
	PCR prod uct, DNA frag men t	5 : 1
	ssD NA	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.

Troubleshooting

