

## Enzymax, LLC

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### Product Information

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**Product Name:** EZ DNA cleaning-up kit  
**Catalog #:** EZDC201  
**Size:** 50 preps

**Feature:**

- Easy and fast 10 min DNA cleaning
- High yield DNA recovery
- Cleanup DNA from mini prep., PCR amplification (from 80bp-12Kb), and enzymatic reactions (e.g., labeling, restriction, and dephosphorylation etc.)
- Remove salt, primers, enzymes, dNTPs, and other impurities

**Components for the kit:**

DNA Binding Buffer:	30 ml
2x wash buffer:	15 ml
Spin Columns:	50

**Protocol:**

1. Mix 3 to 5 volumes of the **DNA Binding Buffer** with 1 volume of DNA solution.
2. Load the sample mixture on the **Spin Column** and spin in a microcentrifuge for 1 minute at full speed (about 10,000rpm). Do not load more than 500  $\mu$ l of sample on the column at one time. Discard the flow through and reload more sample mixture if needed.
3. Wash the column by adding 500  $\mu$ l of **1x Wash Buffer (dilute to 1x with 100% Ethanol)** and centrifuge for 1 minute.
4. Discard flow-through and place the column back in the same tube and spin for 1 minute. This step is to remove residual ethanol from Wash Buffer.
5. Place the column in a clean 1.5 ml microcentrifuge tube.
6. Add 30  $\mu$ l or more **distilled water** or **TE** (10 mM Tris-HCl, 1 mM EDTA, pH8.0) (preheated at 65°C for better yield) to the **center** of the column and leave at room temperature for 5 min. Spin the column for 1 minute to elute the DNA from the column.

**Caution:**

DNA Binding Buffer contains chaotropic salt. Please use proper safety precautions and always wear gloves when handling the reagent. Avoid contact with skin, eyes or clothing. In case of accidental spill or contact, wash thoroughly with water, seek medical advice if necessary.