



## Monarch® PCR & DNA Cleanup Kit from NEB

- ◆ Dilute sample with **DNA Cleanup Binding buffer** according table below. Mix well by pipetting up and down or flicking the tube. Do not vortex.

| Sample Type  | Ratio of Binding Buffer : Sample |
|--------------|----------------------------------|
| dsDNA > 2 kb | 2:1                              |
| dsDNA < 2 kb | 5:1                              |
| ssDNA        | 7:1                              |

- ◆ Insert column into collection tube and load sample onto column. Spin for 1 minute, then discard flow through.
- ◆ Re-insert column into collection tube. Add 200  $\mu$ L **DNA Wash Buffer** and spin for 1 minute. Discard flow through.
- ◆ Repeat former step.
- ◆ Transfer column to a clean 1.5 mL microfuge tube.
- ◆ Add  $\geq 6 \mu$ L of **DNA Elution Buffer** to the center of the matrix. Wait for 1 minute, then spin for 1 minute to elute DNA. For larger size DNA ( $\geq 10$  kb), heating the elution buffer to 50 °C prior to use can improve yield.

From: [New England BioLabs Inc.](http://www.neb.com)