Gel Purification (using Takara kit)

* Use this protocol for large DNA fragments
* These spin columns that fit into 15 mL falcons are typically used for purifying larger DNA fragments such as whole plasmids
* Excise DNA of interest in gel with clean scalpel, and transfer gel slice to 15 mL falcon
* Determine mass of gel slice
* Add 1 mL of NTI for every gram of gel (i.e., 500uL for 0.5g gel slice)
* Vortex for a few seconds, and incubate 10-20 minutes at 50C until gel has dissolved
* Transfer sample to 15mL falcon with spin column, centrifuge for 1 minute at 3000g
* Remove spin column, discard flow through, and put spin column back into 15 mL falcon
* Add 4mL NT3 buffer, centrifuge 1 min at 3000g
* Discard flow through, repeat with another 4 mL of NT3 buffer
* Dry membrane by centrifuge for 10 minutes at 3000g
* Transfer column to new 15mL falcon
* Add 100uL of dw to column and incubate at 70C for 5 minutes
* Centrifuge for 2 minutes at 3000g
* Repeat elution step with same volume of dw now containing DNA
* Transfer to new 1.5mL Eppendorf and measure concentration on nanodrop