



New England BioLabs- PCR cleanup from Agarose Gel:

- 1) The PCR cleanup from Gel was done with: Monarch DNA Gel Extraction Kit.
- 2) The centrifugation steps are always executed at 16000 x g.
- 3) Excise the DNA fragment from the agarose gel and transfer to a 1.5 ml microfuge tube.
- 4) Add 4 volumes of Gel Dissolving Buffer to the gel slice.
- 5) Incubate the sample at 55°C with shaking until the gel slice is completely dissolved
- 6) Load sample onto the column. Close the cap, spin for 1 minute, then discard flow-through.
- 7) Re-insert column into collection tube. Add 200 µl DNA Wash Buffer and spin for 1 minute.
- 8) Repeat step 7).
- 9) Transfer column to a clean 1.5 ml microfuge tube.
- 10) Add 10 µl of ddH₂O to the center of the matrix. Wait for 1 minute, then spin for 1 minute to elute DNA.
- 11) Measure concentration of the sample with Nanodrop.
- 12) Store sample at -20°C.