

## Recovery of a plasmid from filter paper

1. Cut out the filter paper where the plasmid is shown to be.
2. Put the paper into a 1.5 mL centrifuge tube and add 100 uL of water.
3. Let the tube sit at room temp for 10 min.
4. Wrap the cap with parafilm and boil for 15 min.
5. Centrifuge the tube for 2 min at max speed on a table top centrifuge.
6. Transfer the supernatant to a new tube.
7. Add 10 uL of 3 M sodium acetate (NaOAc), 5 uL of glycogen (10 mg/mL stock), and 450 uL of 100% EtOH.
8. Mix well and put in -80° C freezer for 30 min.
9. Spin at 10,000 rpm for 10 min at 4° C.
10. Decant supernatant.
11. Wash pellet with 1 mL cold 85% EtOH.
12. Spin at max speed for 3 min and decant supernatant.
13. Let pellet air dry for 5 min.
14. Dissolve pellet in 10 uL of dH2O or 10 mM Tris pH8.5.