

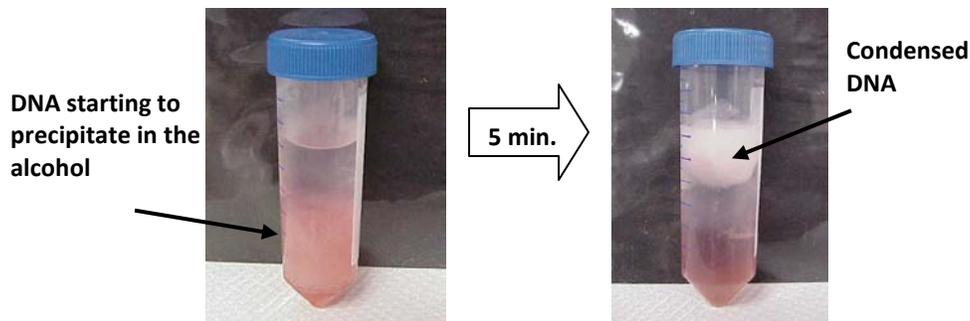
for 10 minutes

7. Discard the coffee filter and its contents

8. Pour 30 ml of ice cold 95% alcohol into a 50 ml centrifuge tube



9. Pour the contents of the 8 oz cup into the tube, cap the tube, wait for the DNA to start precipitating out in the alcohol (the process begins almost immediately and the DNA will continue to condense for the next few minutes)



Other, very good, protocols can be found at the web sites provided below. Many of these protocols are more involved than the one shown here but they do cover a wide range of possible samples including onion, wheatgerm, lima beans, kiwi, yeast. We have also used our protocol with tomatoes. We like the strawberry because it is very simple and it smells really good.

www.biotech.iastate.edu/publications/lab_protocols/DNA_Extraction_Kiwi.html

www.exploratorium.edu/ti/human_body/dna.html

http://biotech.biology.arizona.edu/labs/DNA_extraction_onion_studt.html

<http://gslc.genetics.utah.edu/units/activities/wheatgerm/>

www.accessexcellence.org/AE/AEC/CC/DNA_extractions.html

*This protocol was given to us by Julie Townsend, Parkview Middle School, Ankeny, Iowa.