

DNA extraction buffer

Teacher may choose prior to class to prepare the DNA extraction buffer. In a container add 900mL water, then 50mL dishwashing detergent (or 100mL shampoo), and finally 2 teaspoons salt. Slowly invert the bottle to mix the extraction buffer.

Student materials

1. Goggles or safety glasses
2. Non-latex gloves
3. Ziploc sandwich bag
4. 1-2 strawberries
5. Plastic cup or beaker
6. Coffee filter
7. Small bowl for trash
8. 91% Isopropyl Alcohol (chilled)
9. 250ml beaker (can also just use another cup)
10. Straw or tweezers