

How to Make a DNA Necklace at Home!

Materials:

- Strawberry
- Sandwich bag
- Paper towel
- Salt
- Dish soap
- Water
- Teaspoon
- Measuring cup
- Rubbing alcohol
- Craft necklaces (from craft/hobby store)

Procedure:

1. Line a sandwich bag with a folded paper towel.
2. Put a strawberry between the two folds of the paper towel.
3. SMUSH!!
4. Make a cell lysis solution by mixing $\frac{1}{2}$ cup of dish soap, $1 \frac{1}{2}$ cup of water and 2 tsp. salt.
5. Add 1-2 tsp of the cell lysis solution to the smash strawberry and smash some more.
6. Fill a small craft necklace bottle $\frac{3}{4}$ of the way with rubbing alcohol.
7. Cut the corner of the sandwich bag and, using the paper towel as a filter, squeeze 1-3 drops of liquid into your craft necklace.
8. Close the top of the craft necklace bottle and invert a few times to see the DNA!

Do NOT drink the liquid. Note: Rubbing alcohol is flammable.

