

Lab Report: Wind Your Way Around Your Own DNA

BEFORE THE EXPERIMENT:

1 State your hypothesis.

A hypothesis is a statement predicting what you think will happen as a result of the experiment.

During this experiment I think...

2 List the materials that you are using to conduct your experiment.

AFTER THE EXPERIMENT:

3 Draw a picture of what happened during your experiment.

4 Explain what happened.

5 The soap solution helped to break apart the _____ releasing the DNA inside.

a. Genes

b. Cell membrane

c. Bacteria

TAKE THE CURIOSITY CHALLENGE:

Try this experiment again when you first wake up in the morning. Do the DNA extraction step before you eat or drink anything and before you brush your teeth.

6 Do you think you will extract more or less DNA?

7 What were your results?
