

Protocol for extracting DNA from strawberries

View the video at takarabio.com/thatsgoodscience/DNA-day-2022

1 Crush the strawberries



2 Make the DNA extraction liquid (for 2!)

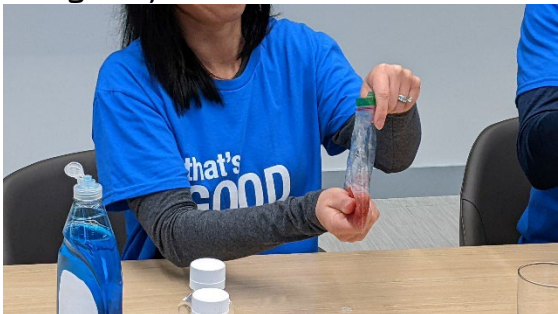


1. Measure $\frac{1}{2}$ cup water
2. Add 1 teaspoon salt
3. Add 2 teaspoons dish soap
4. Stir well without causing bubbles

3 Add $\frac{1}{4}$ cup liquid to the strawberries



4 Mix gently



5 Filter the mixture



6 Mark the cup



1. Draw a line at the top of the filtered strawberry mixture
2. Draw a second line at double the height (for the rubbing alcohol)

7 Add rubbing alcohol to the second line



8 Use a stir stick to pull out the DNA!



Write about it! What are some real-world applications of DNA extraction from animal cells?