

DNA isolation using Spooling

1. You have been provided with Tube A, which contains DNA.
2. To tube A add 0.5ml of liquid from Tube B. Carefully add the liquid down the side of the tube. Tube B contains alcohol, which helps the DNA come out of solution. What do you see happening in your tube?
3. You should see two layers in your tube
4. Take a wooden toothpick and where the 2 layers meet gently stir. Lift the wooden tooth pick out, and you should see the DNA that has come out of solution.
5. Wind the DNA around the wooden toothpick (this is called spooling) and place the toothpick inside tube C. Twizzle the toothpick around in tube C, to get the DNA off. Tube C contains water, in which the DNA will dissolve.
6. You will need tube C in your next experiment, so make sure you have labelled it with your name