

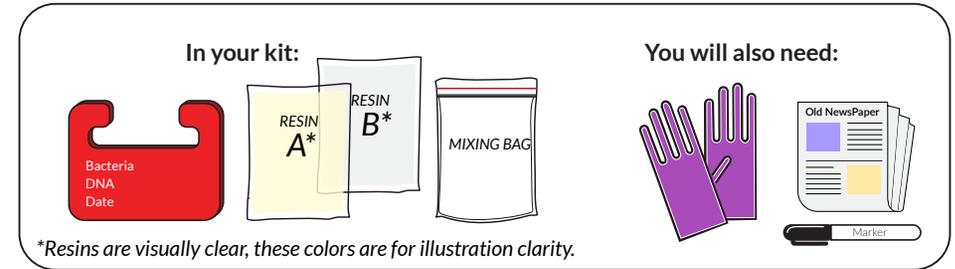
Keep-it Kit™ with Resin in Pouches

Instructions

www.amino.bio

Safety Note:

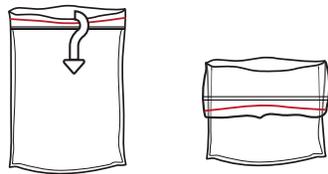
Wear gloves and use in a well ventilated area with adult supervision. Remember your Practicing Safe Science Guidelines from previous instructions and www.amino.bio/safe-science.



1. Place your bacteria plate right-side up on a clean surface once your bacteria has grown and is colored. Wait for it to 'dry' 24 - 48hrs. *No water/moisture should be visible on the surface when you start step 2.*

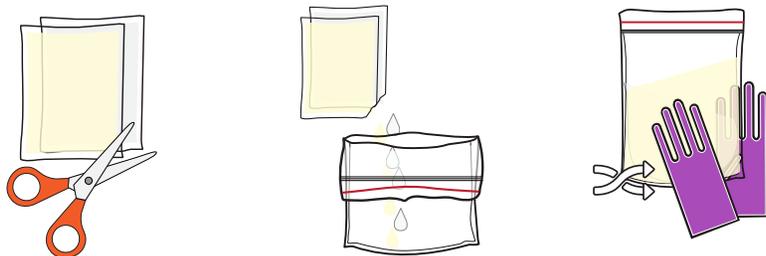
2. Put on your gloves and set down an old newspaper or similar to protect your work surface

3.



Fold down the sides of the mixing bag so that it resembles a cup.

4.

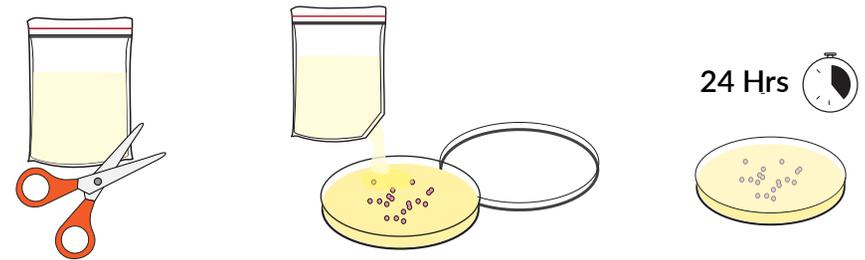


a) Align Resin A & Resin B pouches. Pinch one bottom corner of the pouches to push the resin away and cut an opening.

b) Squeeze Resin A&B into the mixing bag. Close the bag tightly.

c) Mix parts A &B by massaging the bag for 1 - 2 minutes

5.

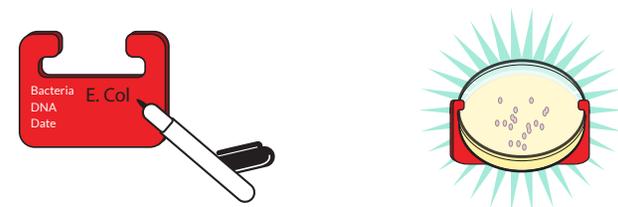


a) Open up your experiment plate(s). Pinch the bottom corner of the mixing bag to push the resin away and cut an opening. The resin will pour out this opening... be careful the resin is liquid!

b) Pour the mixed resin on top of the agar and coloured bacteria making sure to cover the entire surface without spilling over.

c) If you are Preserving 2 plates, use half the resin on each plate. Note that the resin will stay liquid for 5 minutes once mixed.

6. Leave the resin to fully set over 24 hours at room temperature.



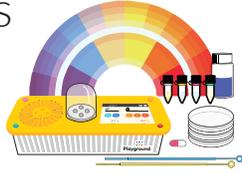
7. Fill out the Stand information using a marker and display your Genetic Engineering Experiment proudly!

If your DNA was fluorescent, use a blacklight to view it.

Keep-it Kit™ with Resin in Syringes

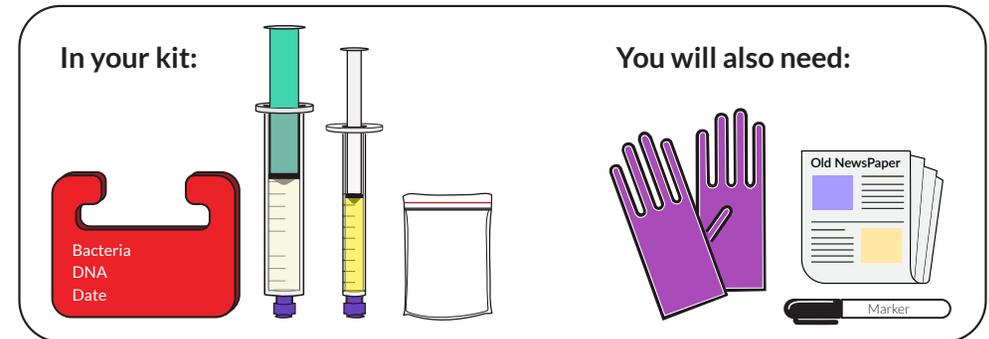
Instructions

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Safety Note:

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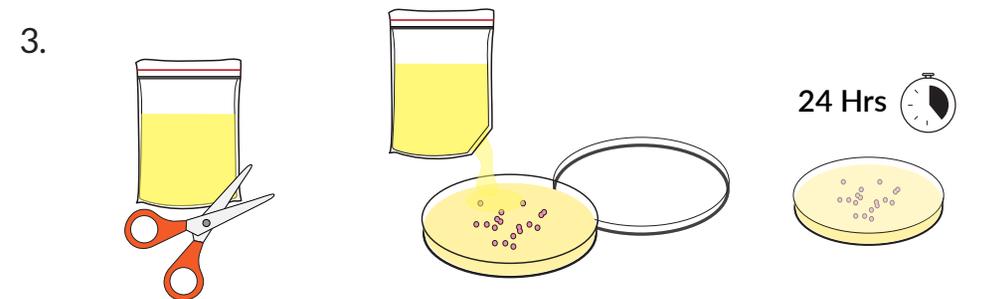


1. Wait for your Engineer-it Kit result plate to 'dry' for 24 to 48hrs by placing your plate right-side up on a counter or clean surface after your bacteria has grown and is colored. There should be no water/moisture visible on the surface when you start step 2.

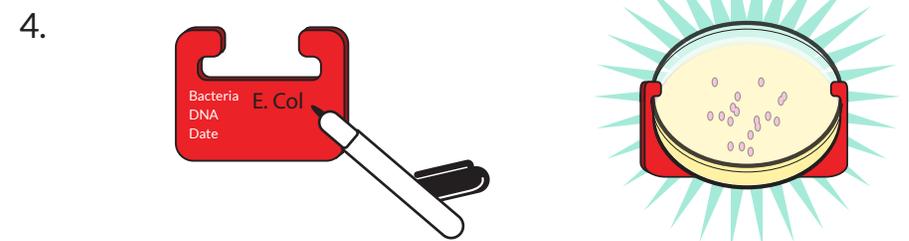


Put on your gloves and set down an old newspaper or similar to protect your work surface

Squeeze Resin Part A & B from the syringes into the mixing bag. Close the bag tightly. Mix the 2-parts of the resin by massaging and squishing the bag for a full 60 seconds.



Open up your experiment plate. Pinch the bottom corner of the mixing bag to push the resin away and cut an opening. The resin will pour out this opening... be careful the resin is liquid! Pour the mixed resin on the surface of your experiment (on top of the agar and coloured bacteria) making sure to cover the entire surface without spilling over. The resin will set over 24 hours at room temperature.



Fill out the Stand information using a marker and display your Genetic Engineering Experiment proudly!
If your DNA was fluorescent, use a blacklight to view it.