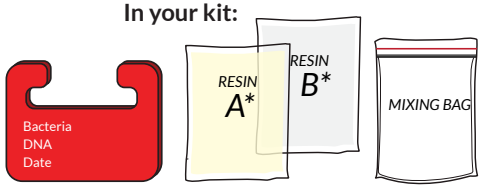
Keep-it Kit™ *with* Resin in Pouches

Instructions

www.amino.bio

amino labs
BETA Division

In your kit:



You will also need:

**Resins are visually clear, these colors are for illustration clarity.*

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.

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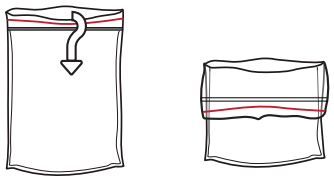
1. Place your bacteria plate right-side up on a clean surface once your bacteria has grown and is colored. Wait for it to 'dry' 24 - 48hrs. *No water/moisture should be visible on the surface when you start step 2.*

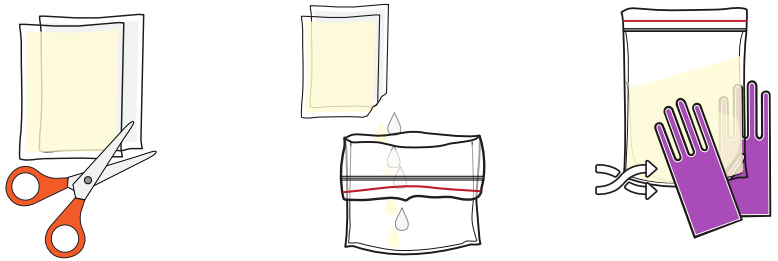
2. a) Put on your gloves and set down newspaper or similar to protect your work surface. b) if your Resin B bag got too cold some crystals may have formed. If it looks whitish or opaque, set in in a cup of very hot water until it turns clear again, about 1 minute.

3.



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

4.

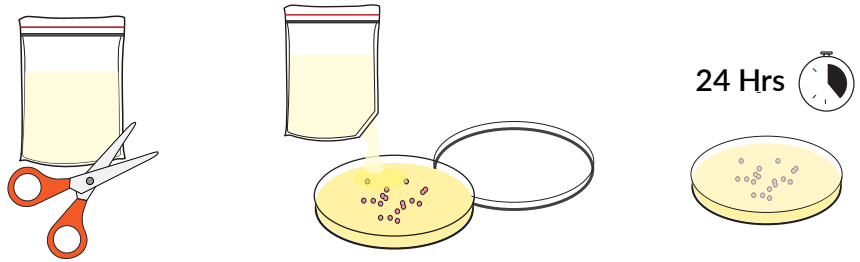


a) Align Resin A & Resin B pouches. Pinch one bottom corner of the puches to push the resin away and cut an opening.

b) Squeeze Resing 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.