

Easy DNA extraction



Materials

- ½ cup split peas (100ml)
- 1/8th tablespoon salt
- 1 cup cold water (200ml)
- 2 tablespoons of enzymatic laundry detergent
- 1/3 cup alcohol
- Blender
- Strainer
- Cups
- Test tubes
- Pipettes or cotton swabs

Directions

1. Blend the peas, salt and water together.
 2. Strain the mixture into a cup (collect the liquid).
 3. Add laundry detergent to the liquid and stir. Let this sit 10 minutes.
 4. Slowly add alcohol to the mixture. It should form a layer onto of the pea liquid and white stringy clumps should appear. These white stringy clumps are DNA.
- You can use the pipettes or cotton swabs provided to look at the DNA more closely.
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