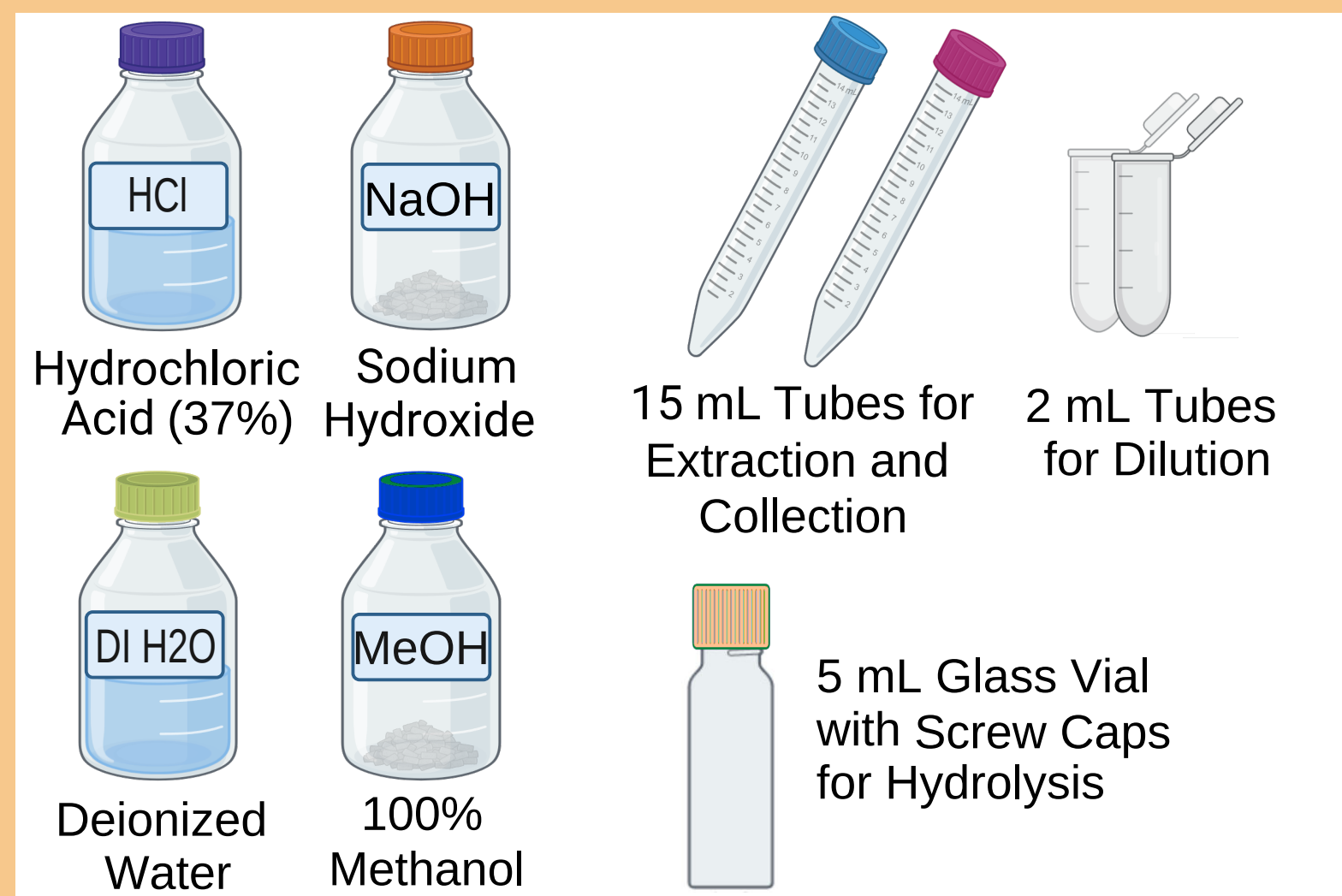
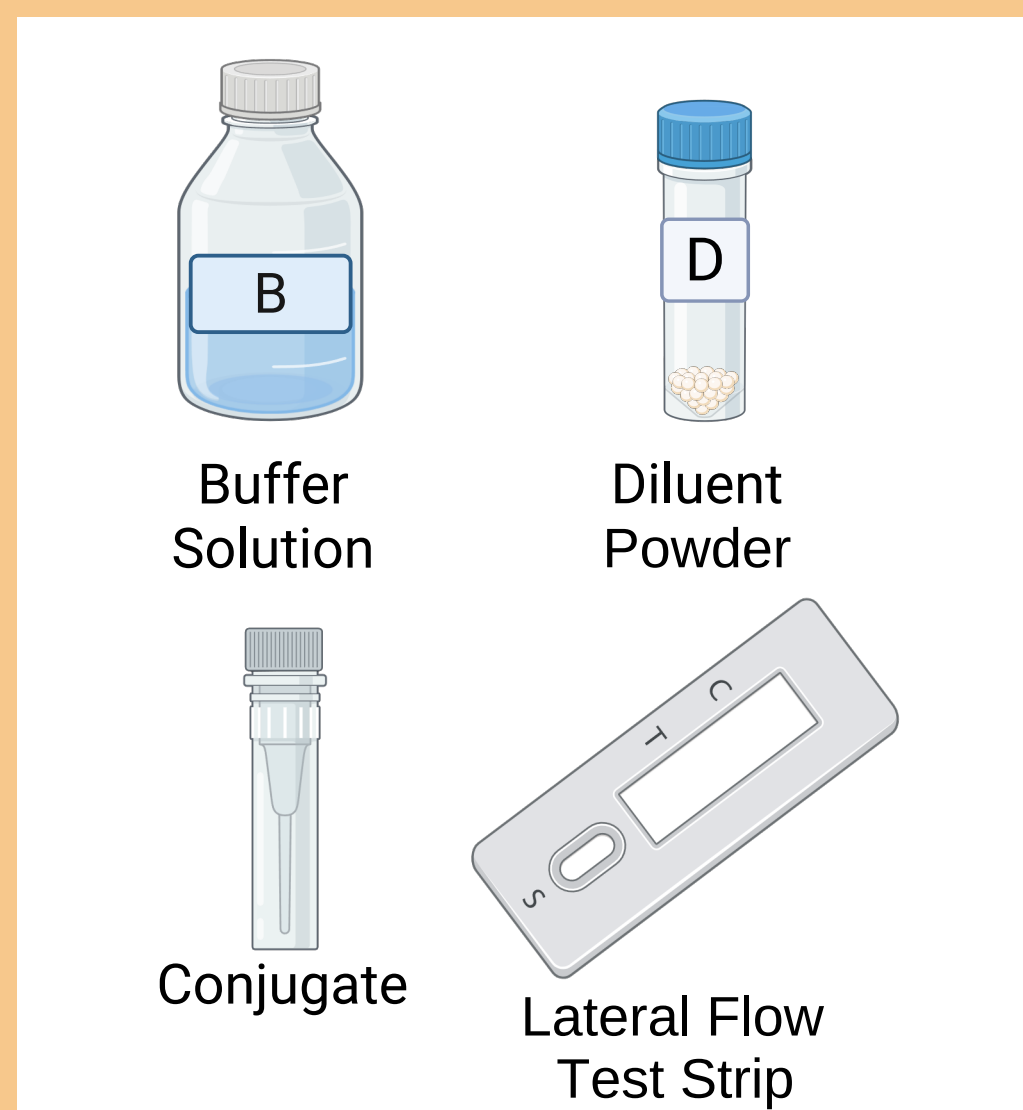


KIT COMPONENTS SUPPLIED BY CUSTOMER

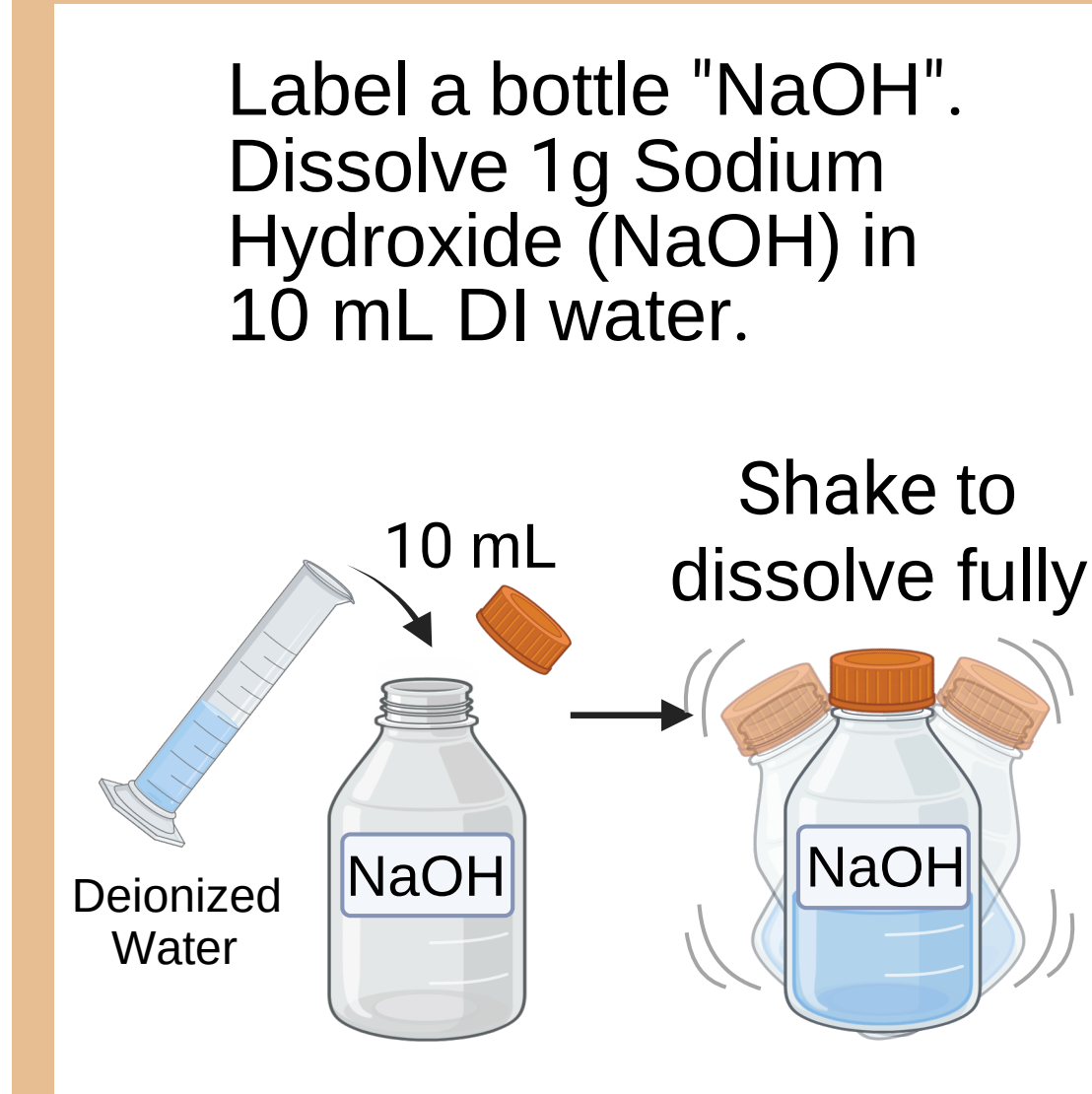


****Do NOT re-use any tubes for multiple samples due to a high risk of contamination. Dispose of the tubes after single use****

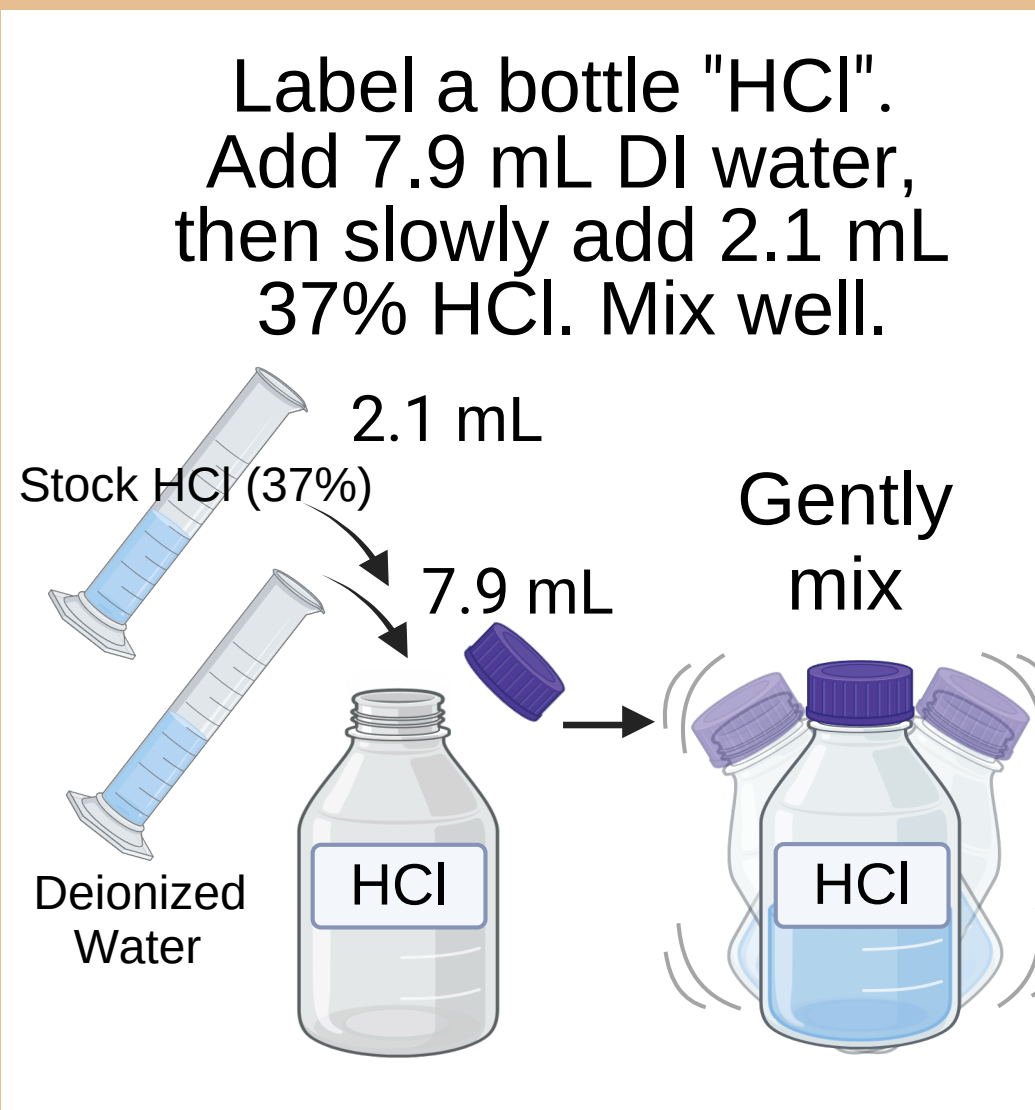
KIT COMPONENTS SUPPLIED BY SENSOREAL



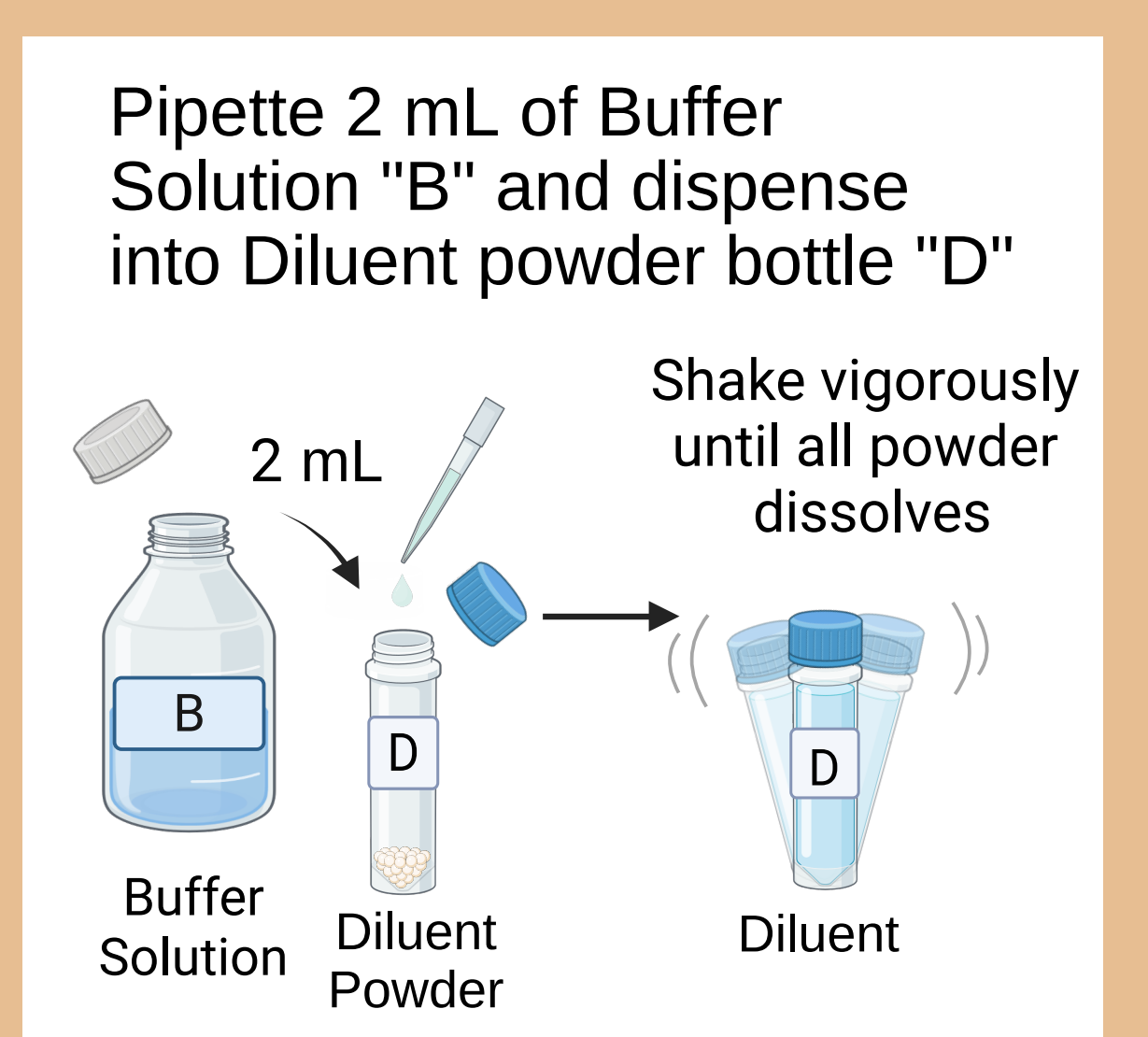
PREPARING SODIUM HYDROXIDE SOLUTION ('NaOH')



PREPARING HYDROCHLORIC ACID SOLUTION ('HCl')

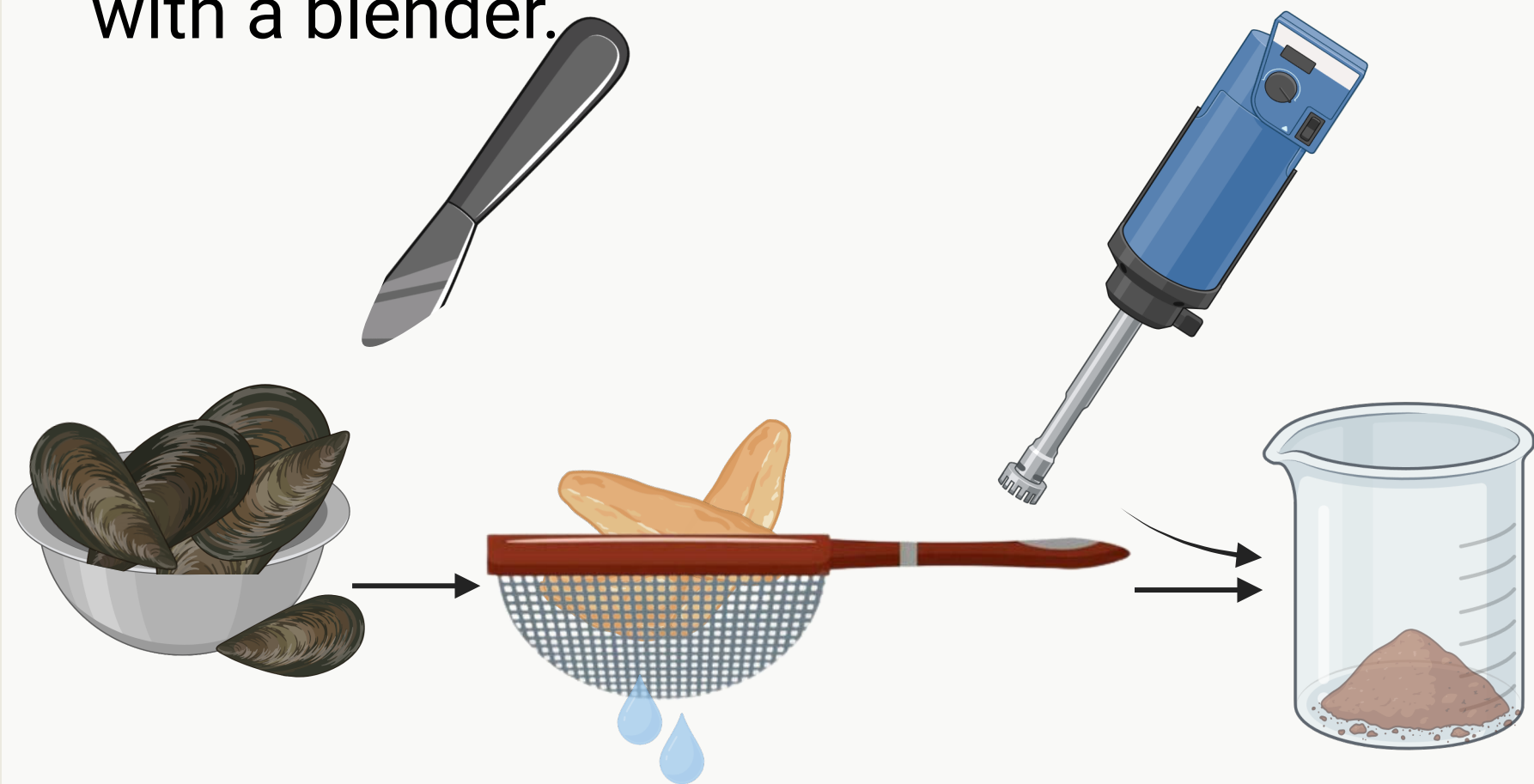


PREPARING THE DILUENT

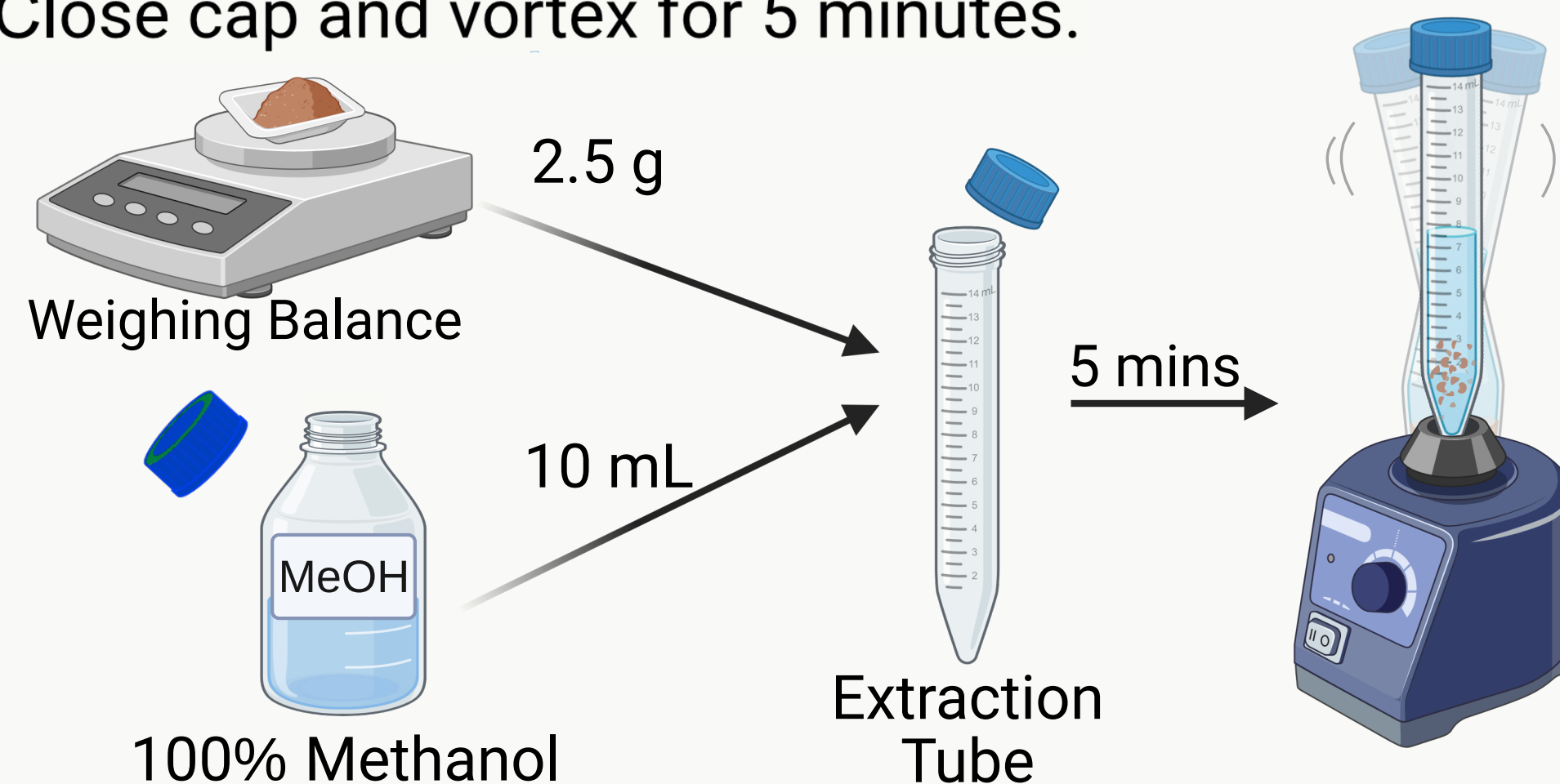


PART A: TOXIN EXTRACTION

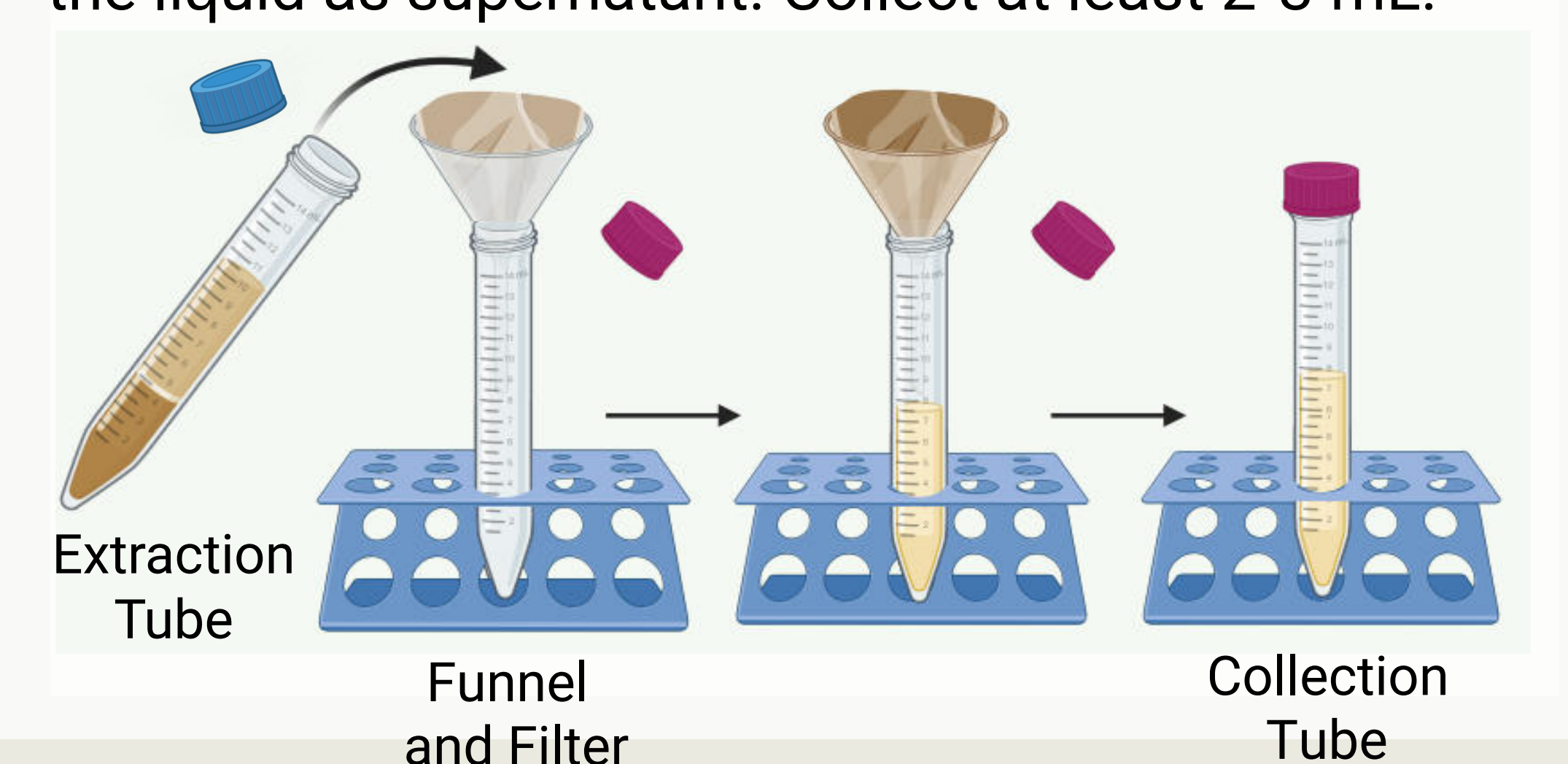
1. Shuck the shellfish. Use at least 100 g of meat as a representative sample. Strain excess liquid from shellfish. Blend the meat with a blender.



2. Weigh out **2.5 g of your sample** and **10 mL of 100% Methanol**. Add both to the Extraction Tube. Close cap and vortex for 5 minutes.

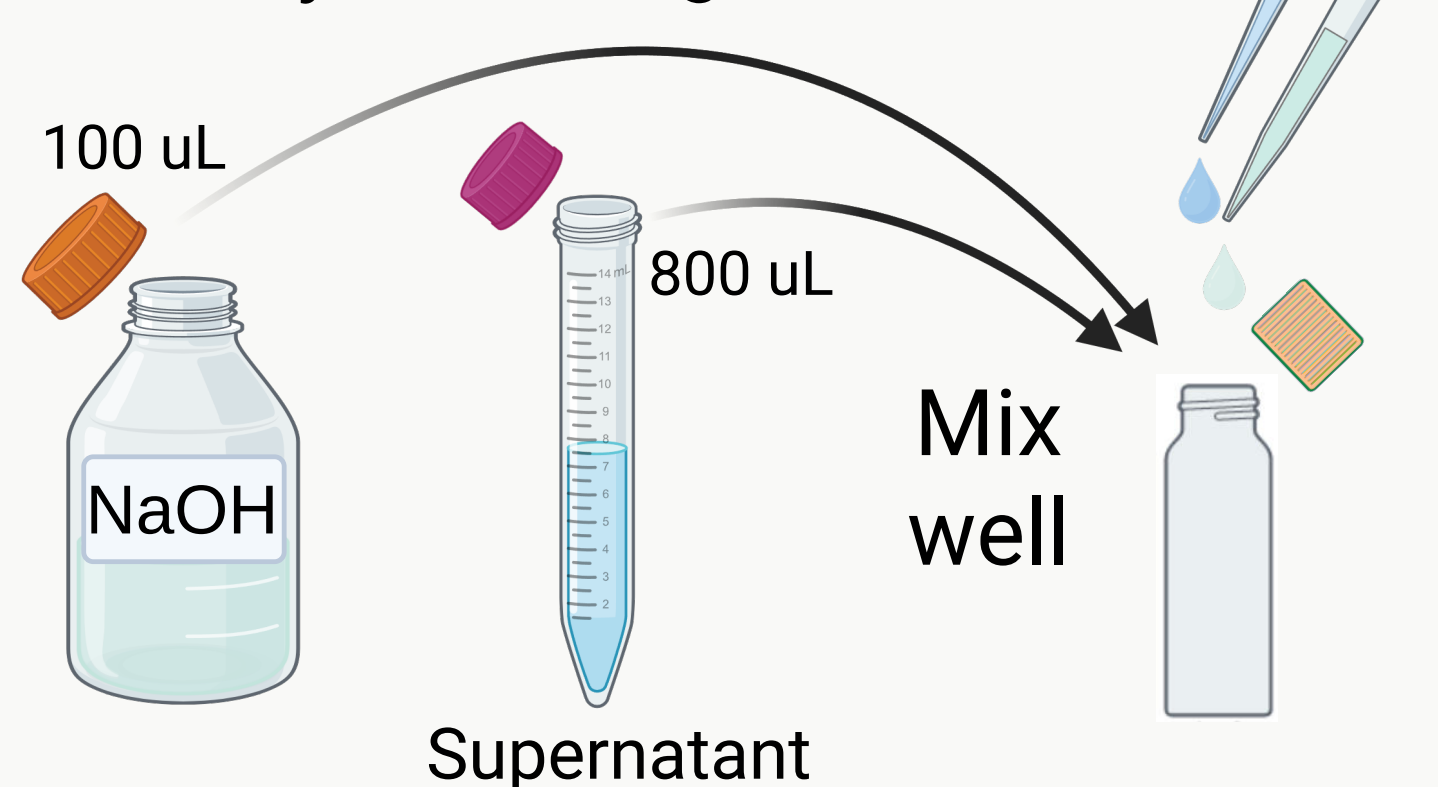


3. Line a funnel with a filter, and place into a Collection tube. Pour your sample through and label the liquid as supernatant. Collect at least 2-3 mL.

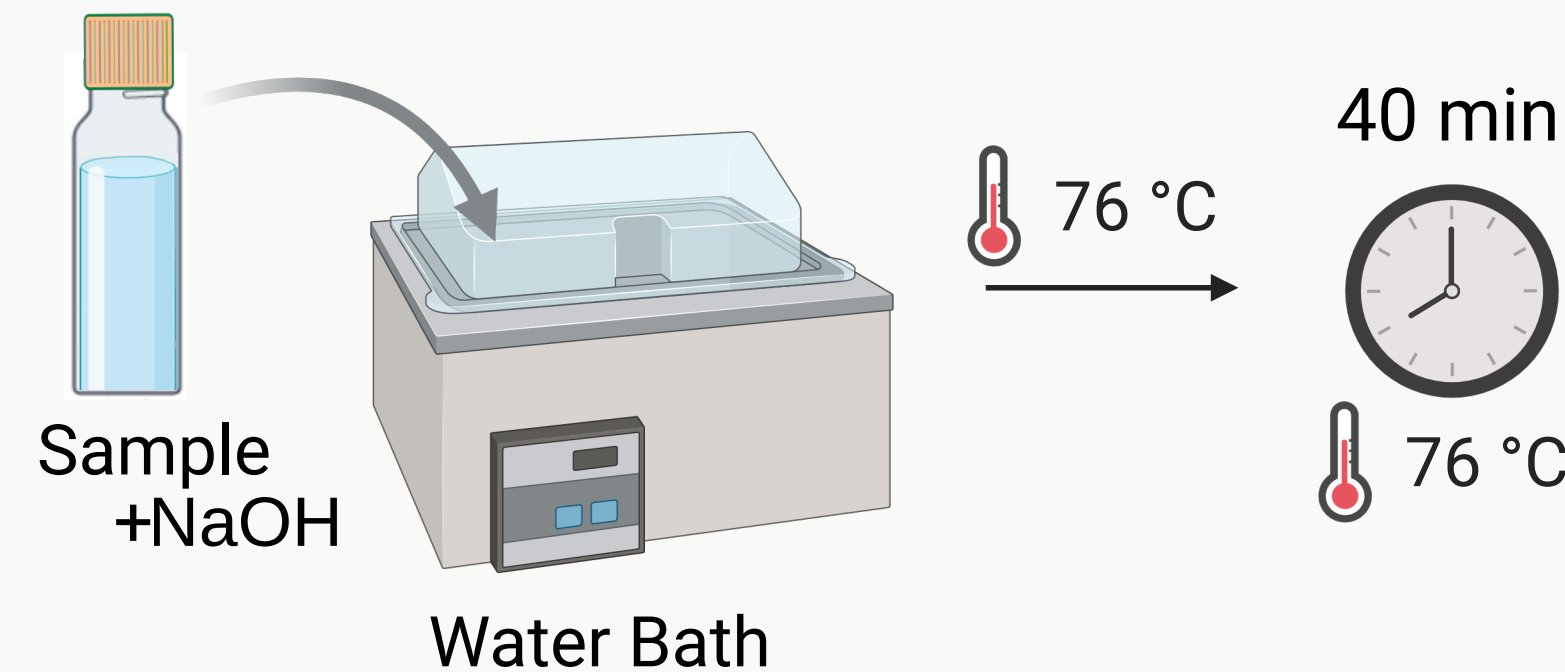


PART B: SAMPLE PREPARATION

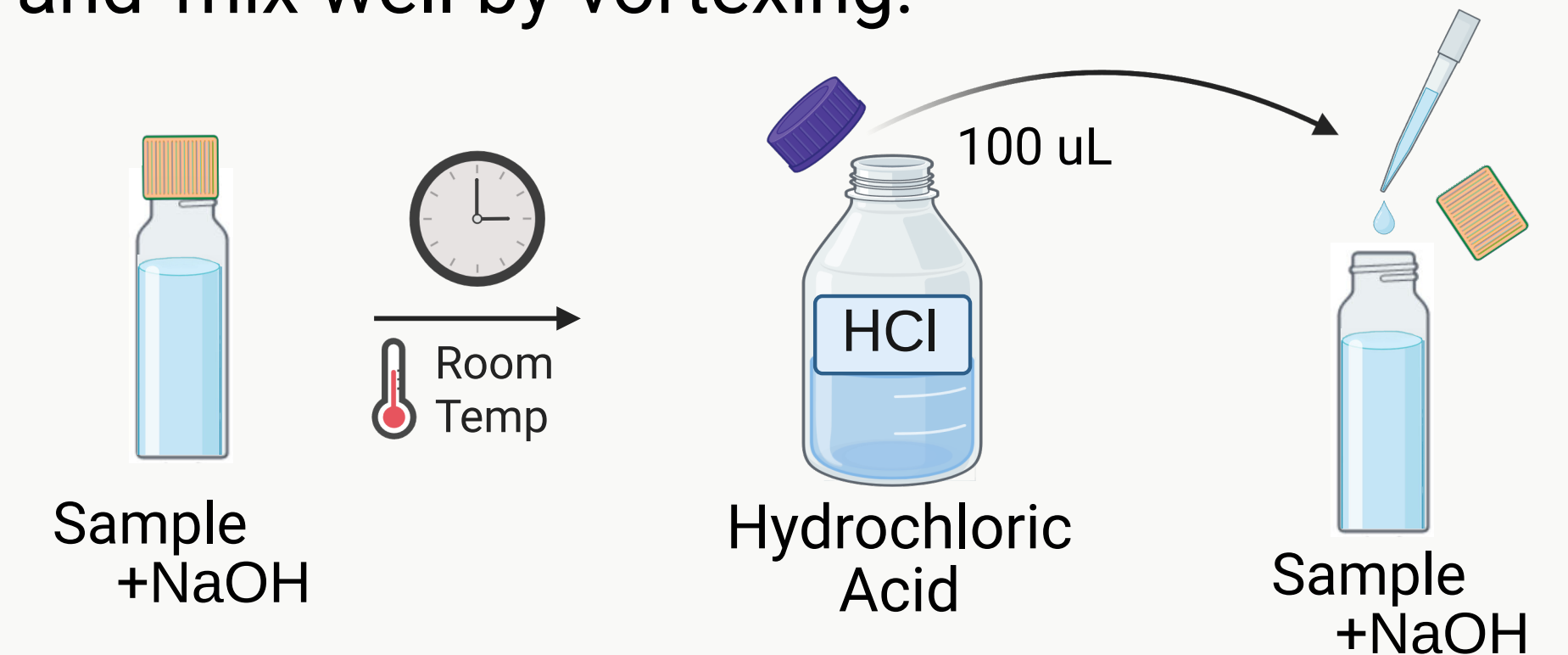
4. Take **800uL of the supernatant** and transfer it to a small tube. To it, add **100 uL of prepared NaOH** solution. Mix well by vortexing.



5. Prepare a water bath or a heating block. **Closely monitor the temperature with a thermometer.** Once it reaches 76°C, place your sample inside and set a timer for 40 minutes.

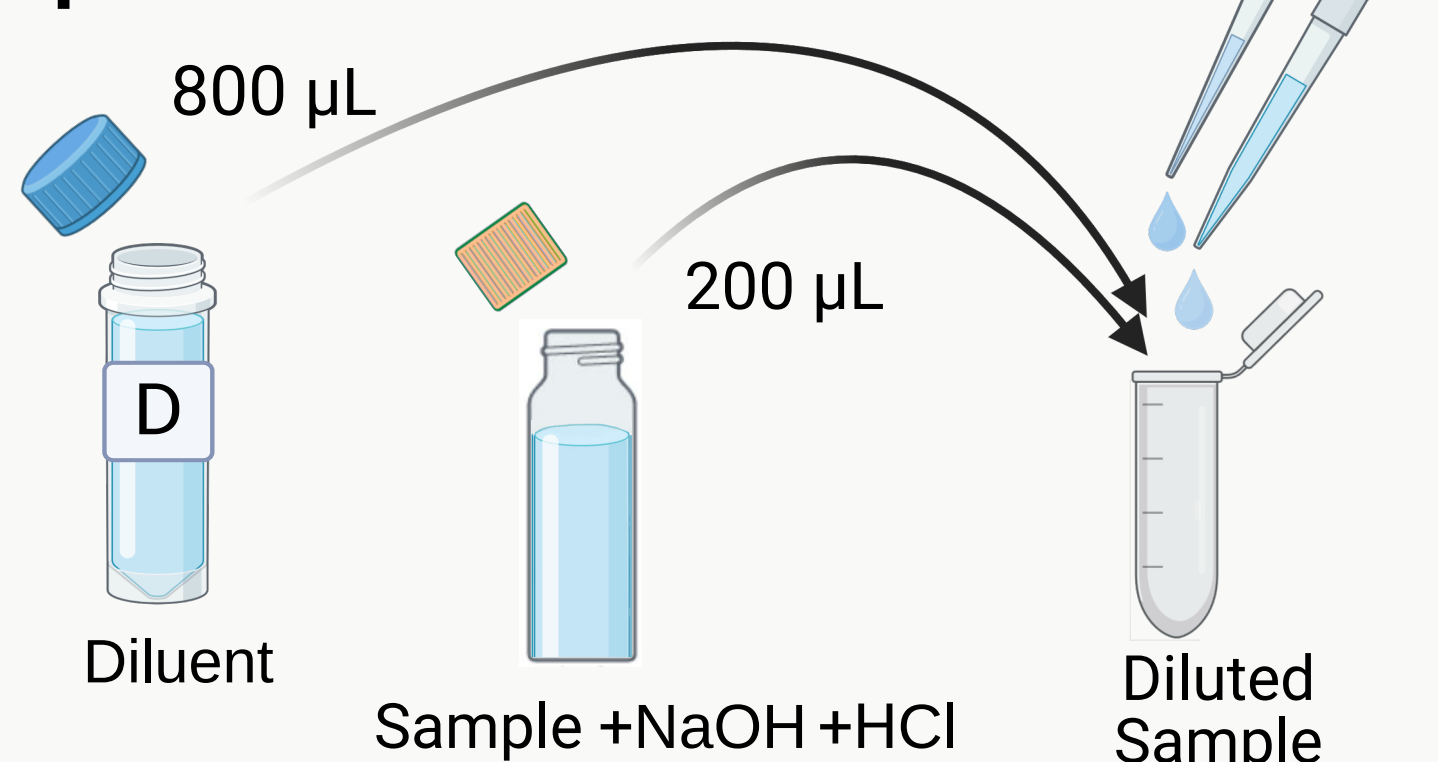


6. After 40 minutes, take the tube out and allow to cool to room temperature. To the cooled solution, add **100uL of HCl solution** and mix well by vortexing.

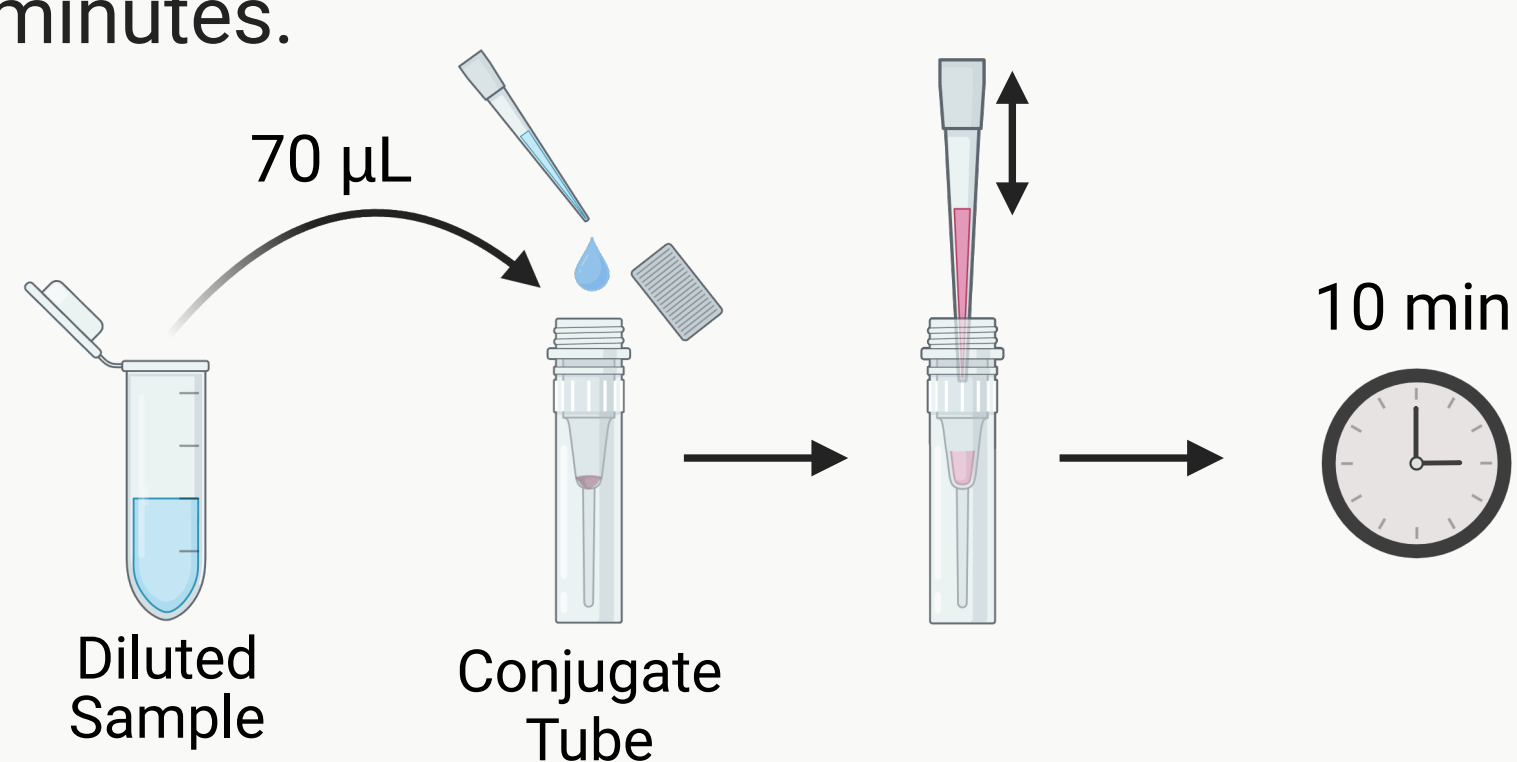


PART B: USING THE LFA

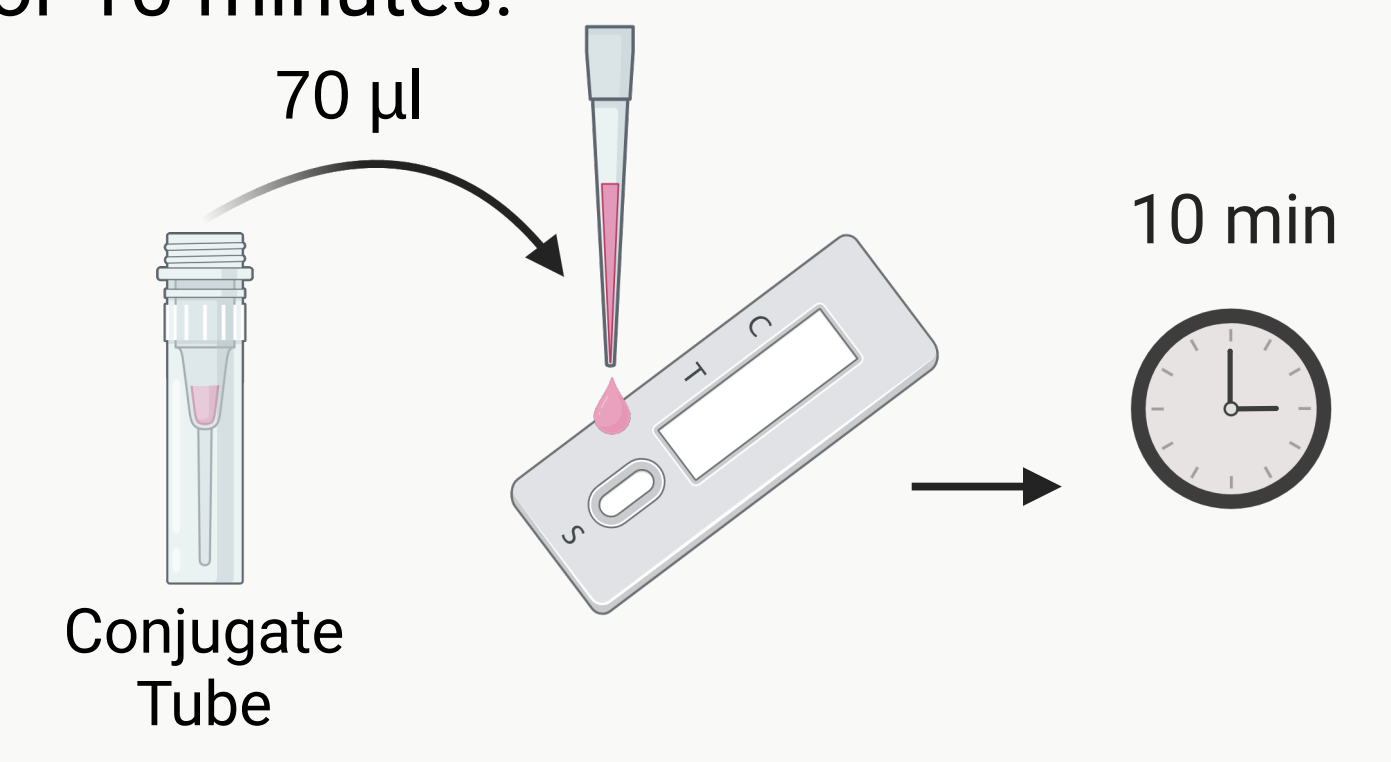
7. To another small tube, combine **800 µL of Diluent** and **200 µL of the hydrolyzed Supernatant**. Vortex to mix.



8. Add **70 µL of the diluted sample** to the Conjugate tube. Pipette up and down to dissolve. Let sit uninterrupted at room temperature for 10 minutes.

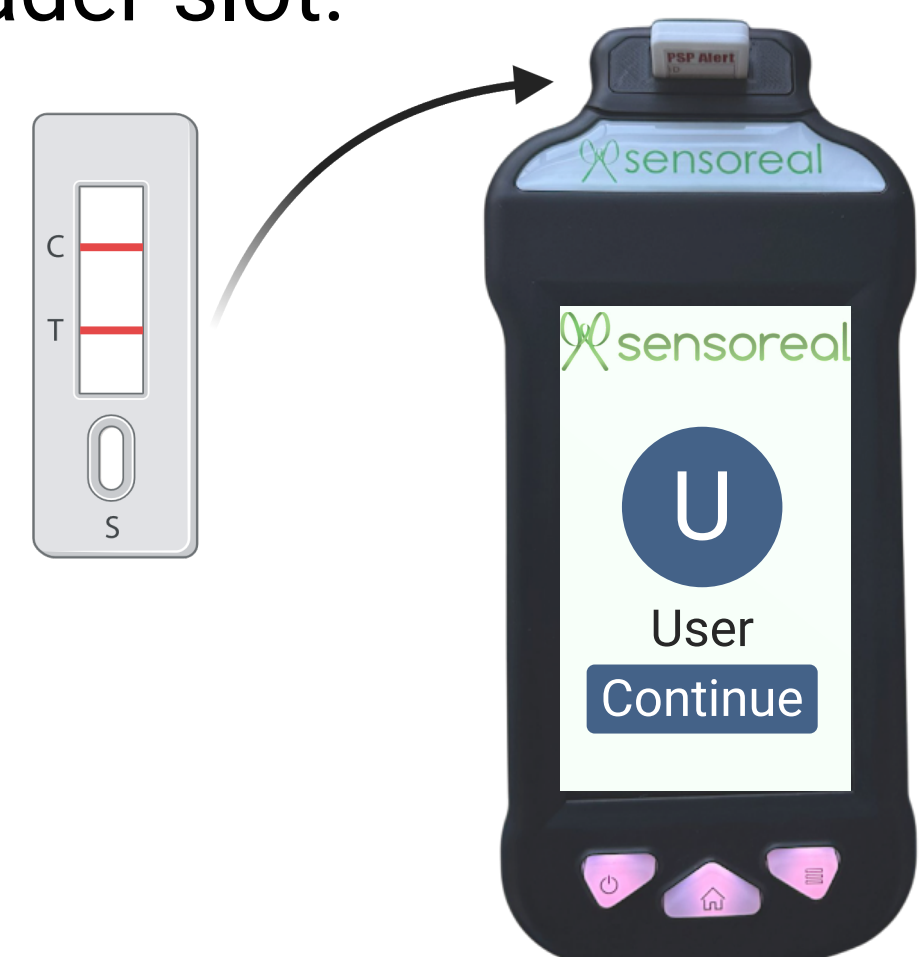


9. Add **70 µL of the Conjugate mix** to the test cassette. Leave the cassette on a horizontal surface and set a timer for 10 minutes.

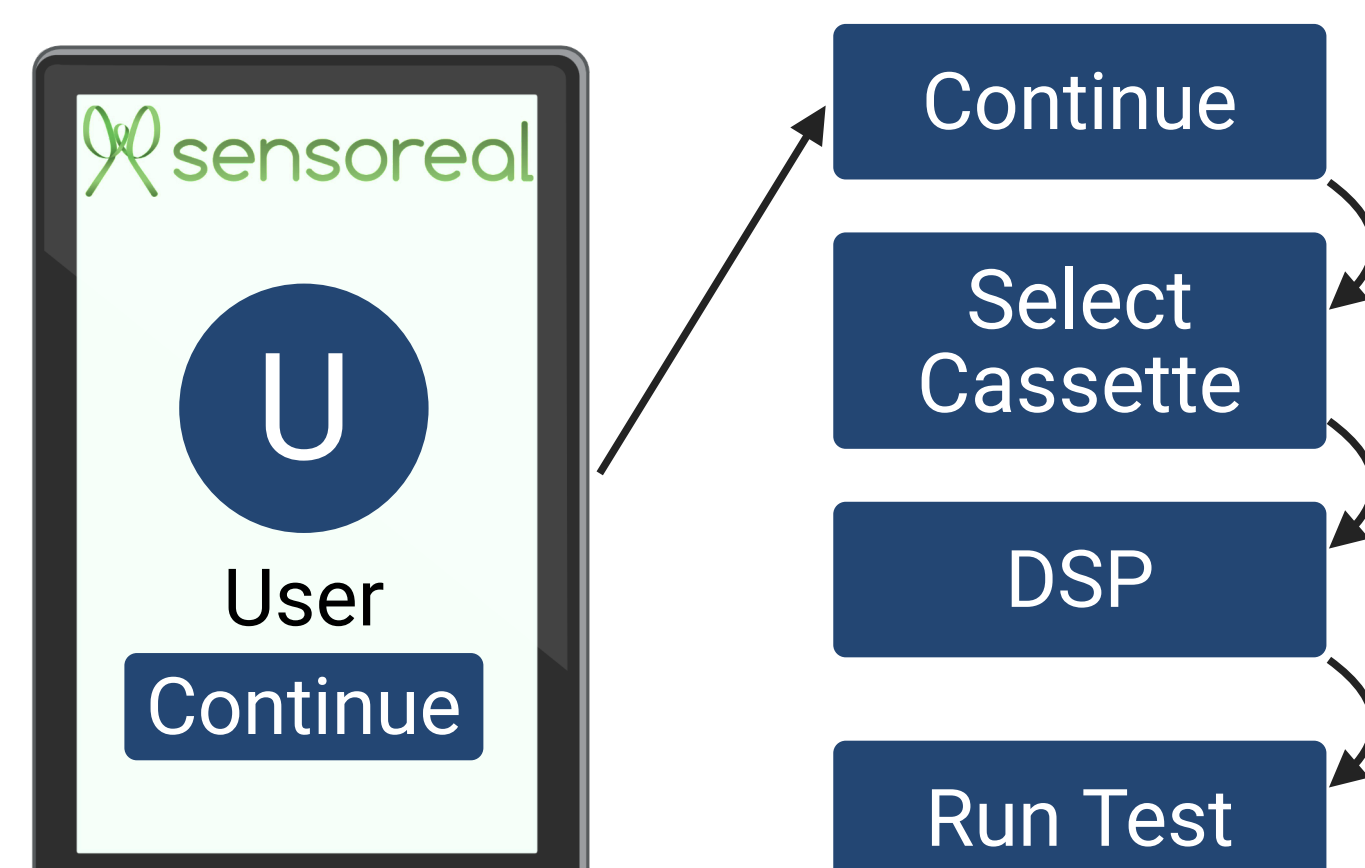


SENSOREAD - INTERPRETING THE RESULTS

Insert the cassette into the reader slot.



Follow the steps on the screen.



Test results will be displayed after a few seconds.

