

Rapid detection of PSP Toxins in Shellfish and Molluscs

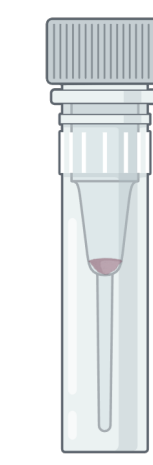
KIT COMPONENTS SUPPLIED BY CUSTOMERS



15 mL Tubes for Extraction and Collection

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

KIT COMPONENTS SUPPLIED BY SENSOREAL



Conjugate Tubes



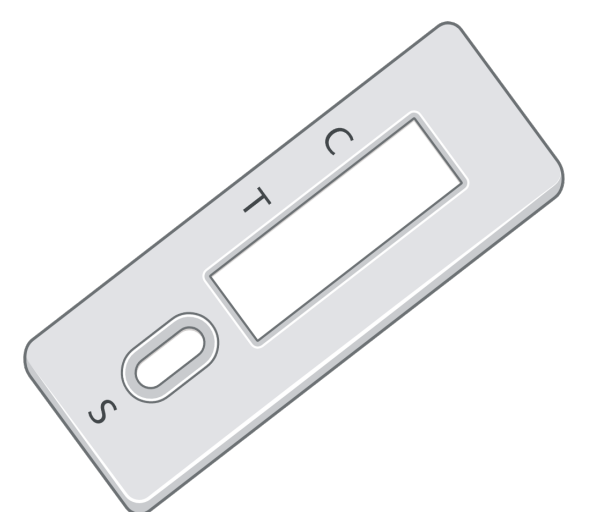
Diluent Powder



Extraction Solution



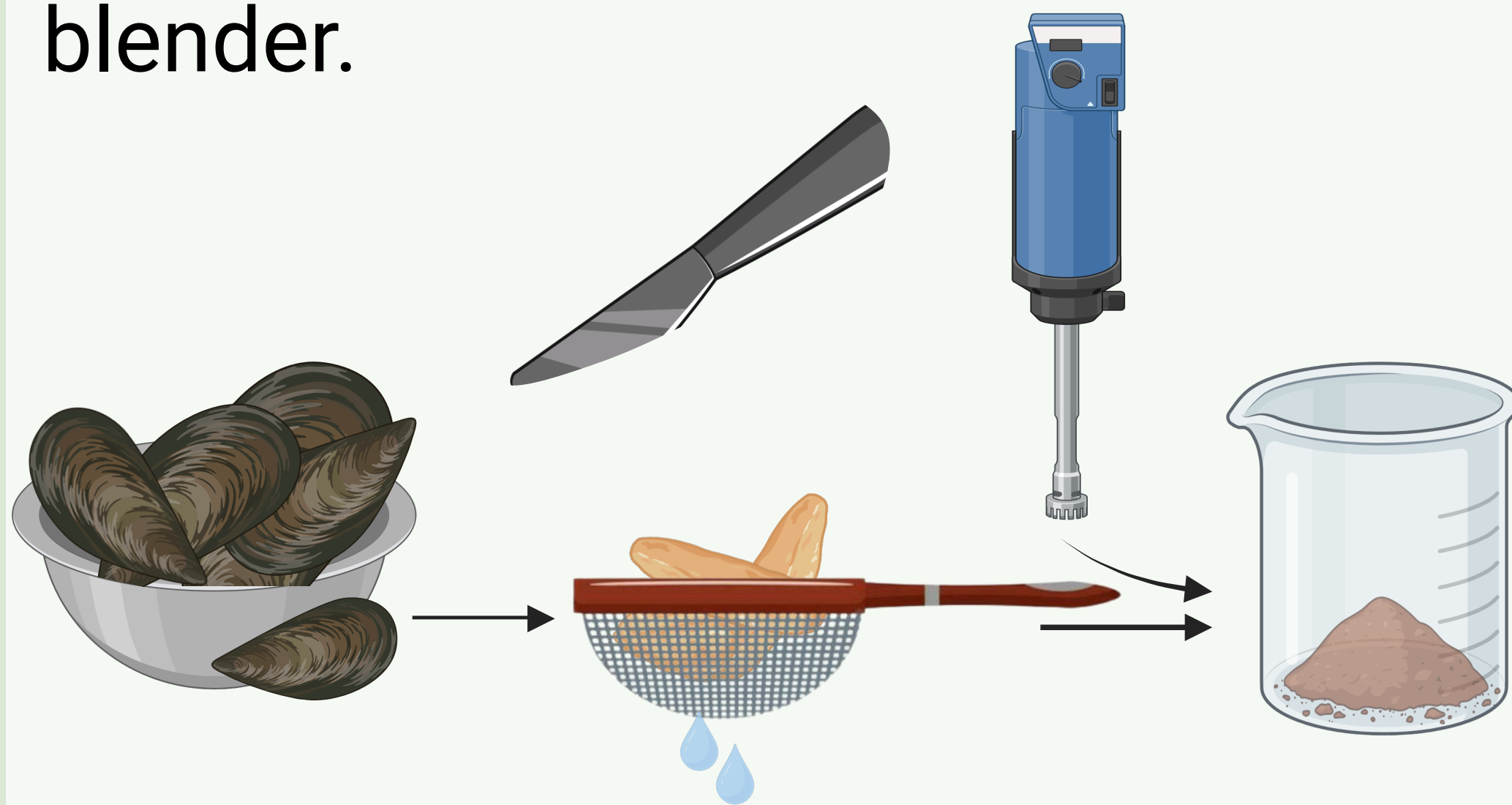
Buffer Solution



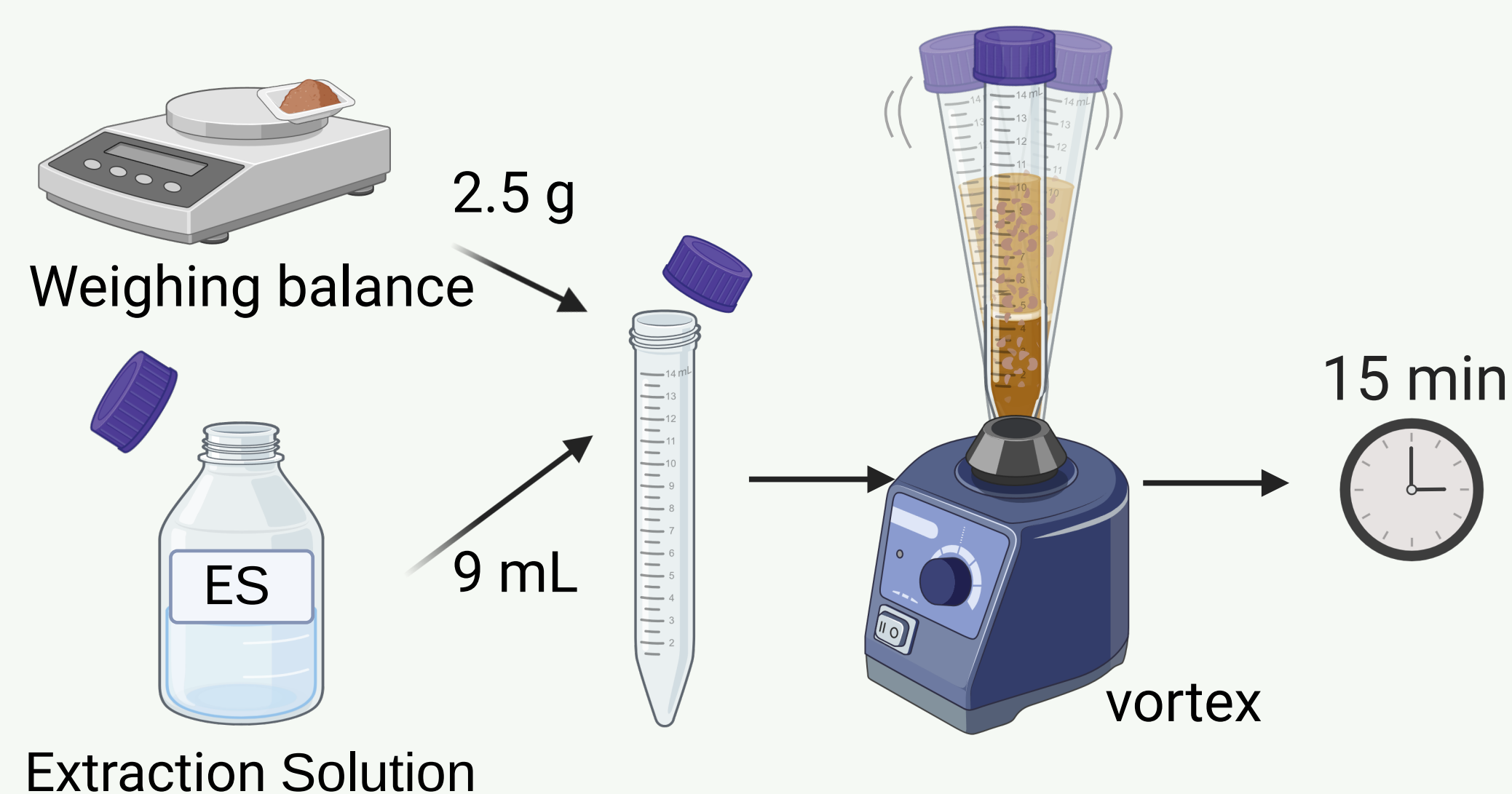
Lateral Flow Test Strip

PART 1: TOXIN EXTRACTION

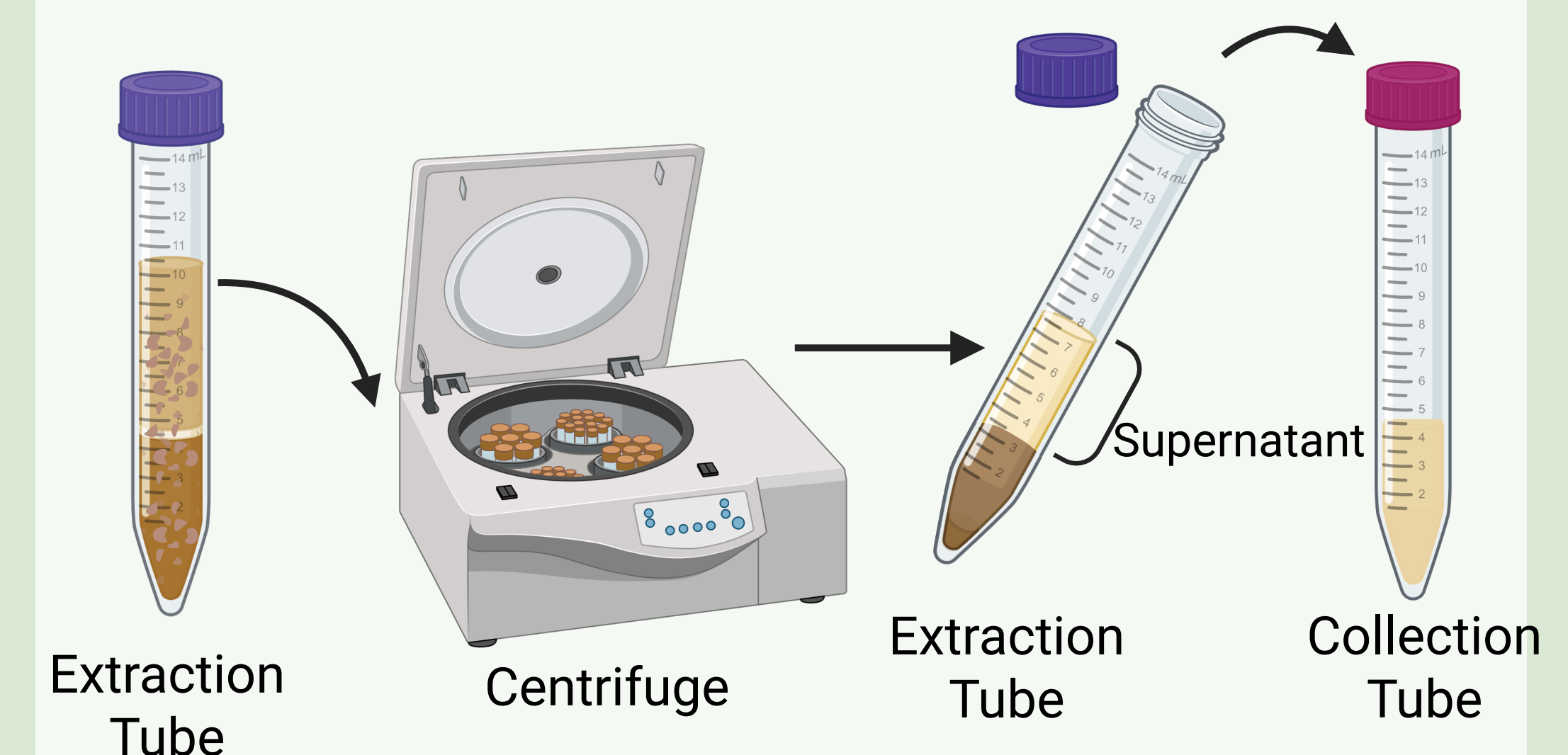
1. Shuck shellfish meat. Use at least 100 g of meat as a representative sample. Strain excess liquid from shellfish. Blend the meat with a blender.



2. Measure out **2.5 g** of sample and **9 mL** of Extraction solution "ES". Add both to a 15 mL tube. Shake vigorously or vortex and let stand for 15 minutes.

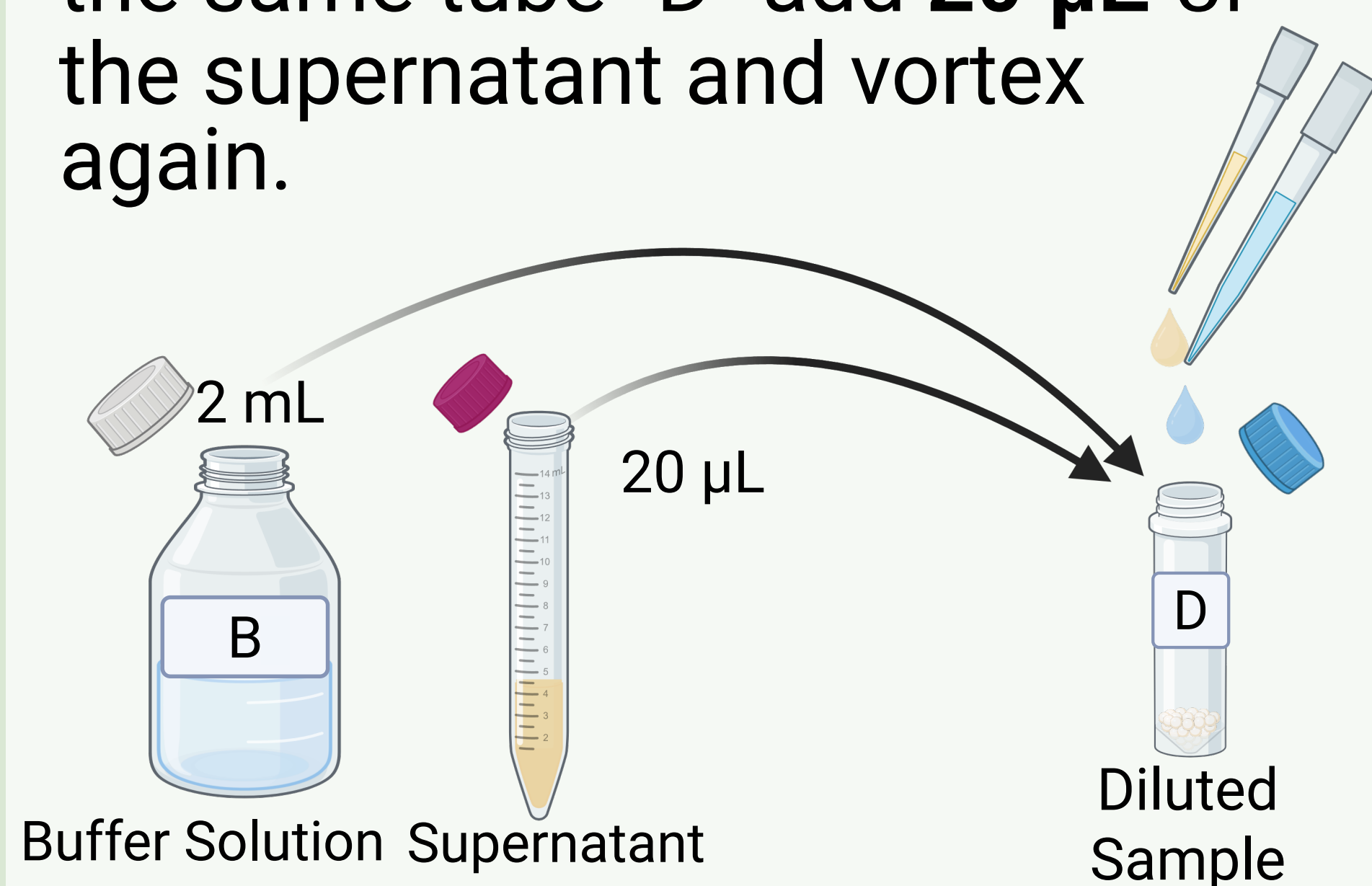


3. Centrifuge at 5000 rpm for 5 minutes. Transfer the supernatant into a Collection Tube.

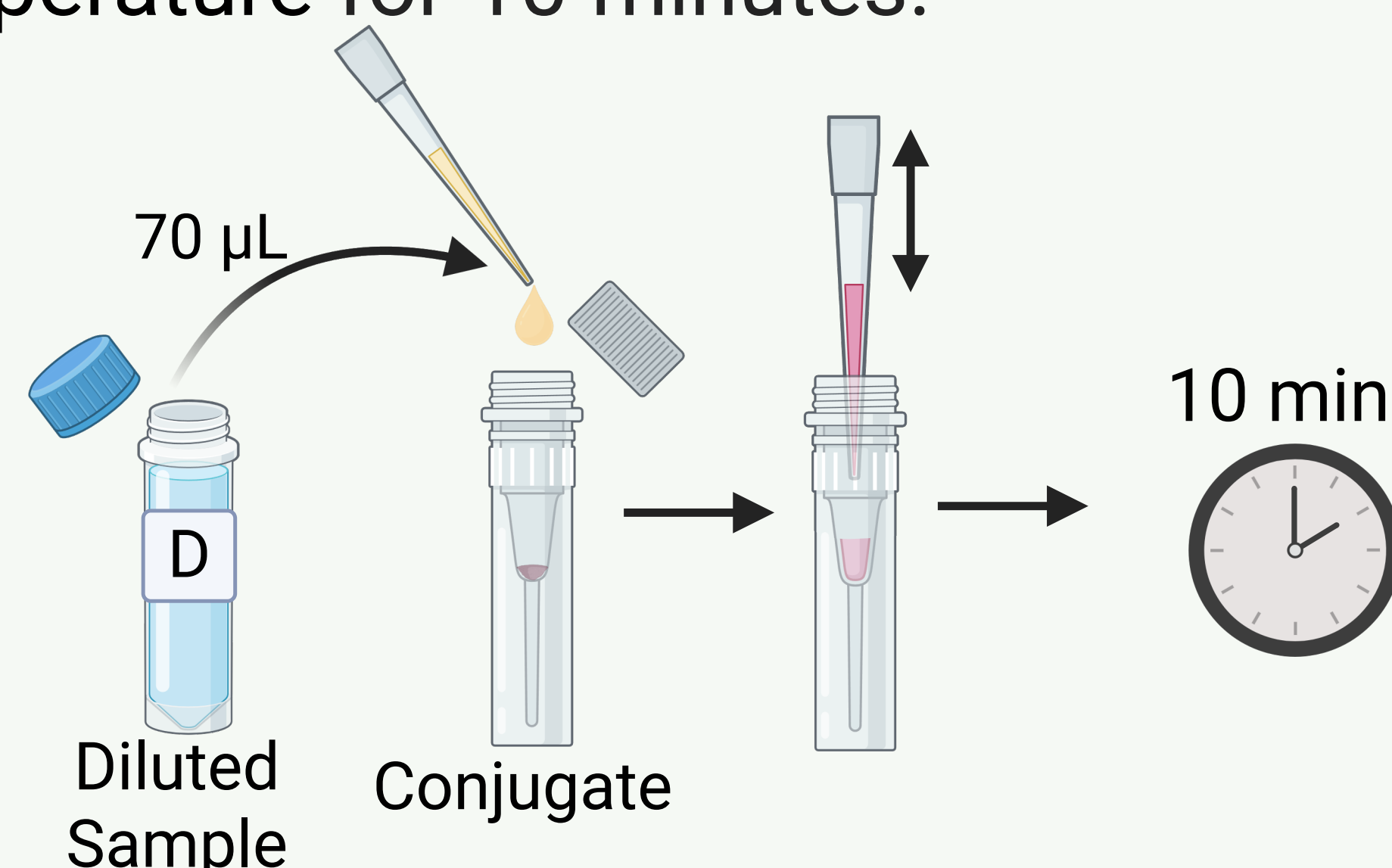


PART 2: FINAL SAMPLE PREPARATION

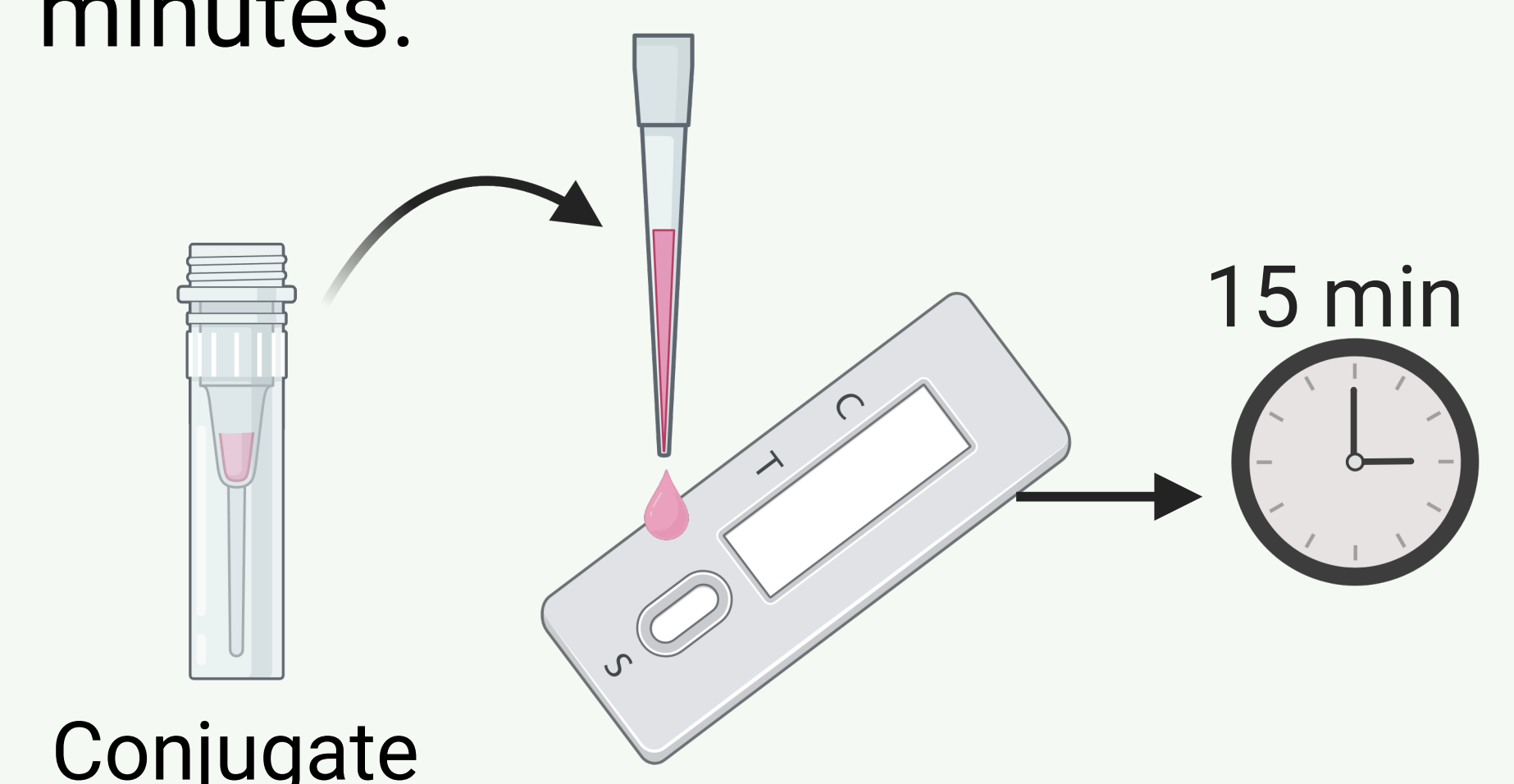
4. To a tube "D" add **2 mL** of solution "B". Vortex to dissolve. To the same tube "D" add **20 µL** of the supernatant and vortex again.



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

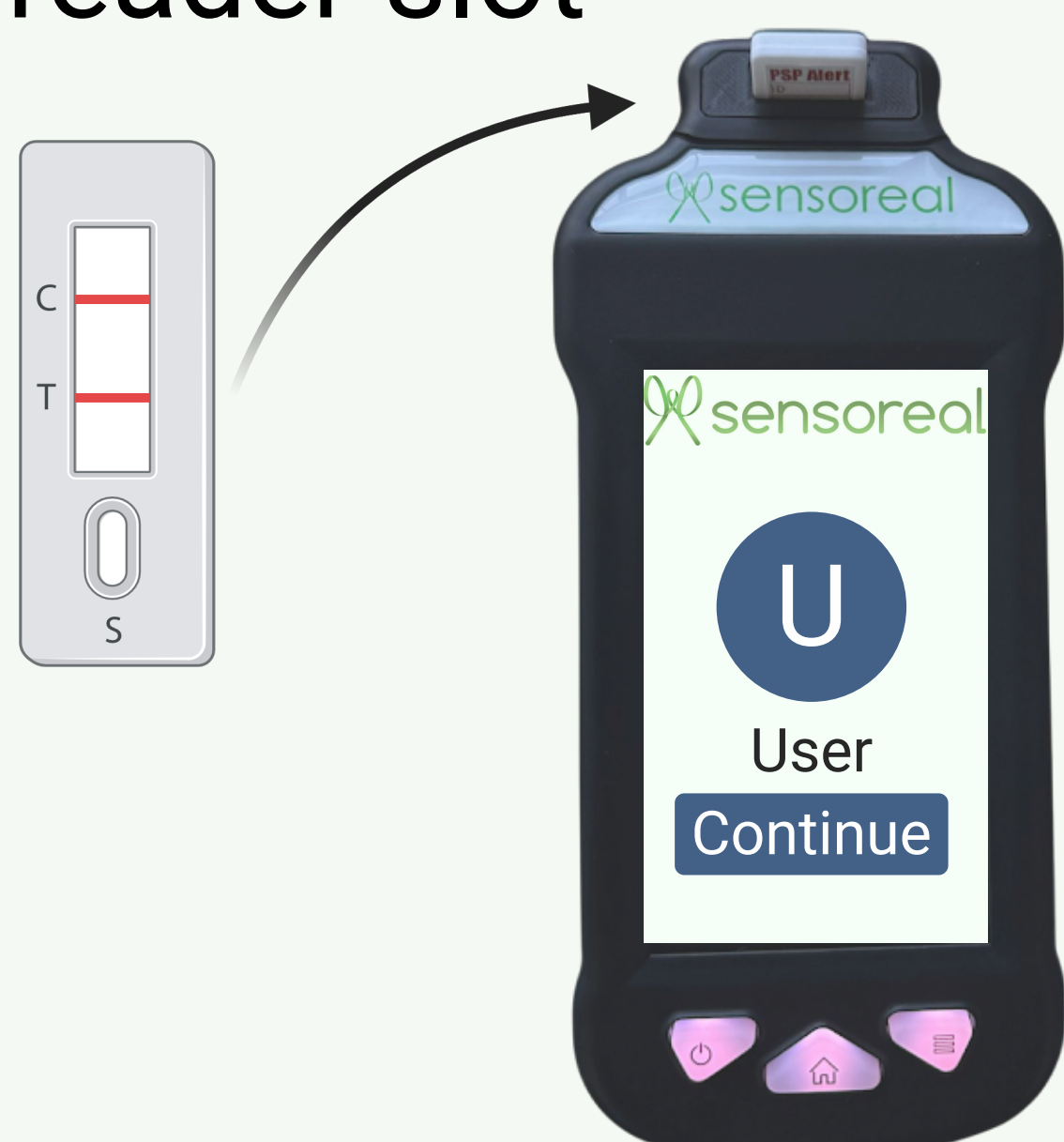


6. Add **70 µL** of the Conjugate mix to the test cassette. Leave the cassette on a horizontal surface and set a timer for 15 minutes.

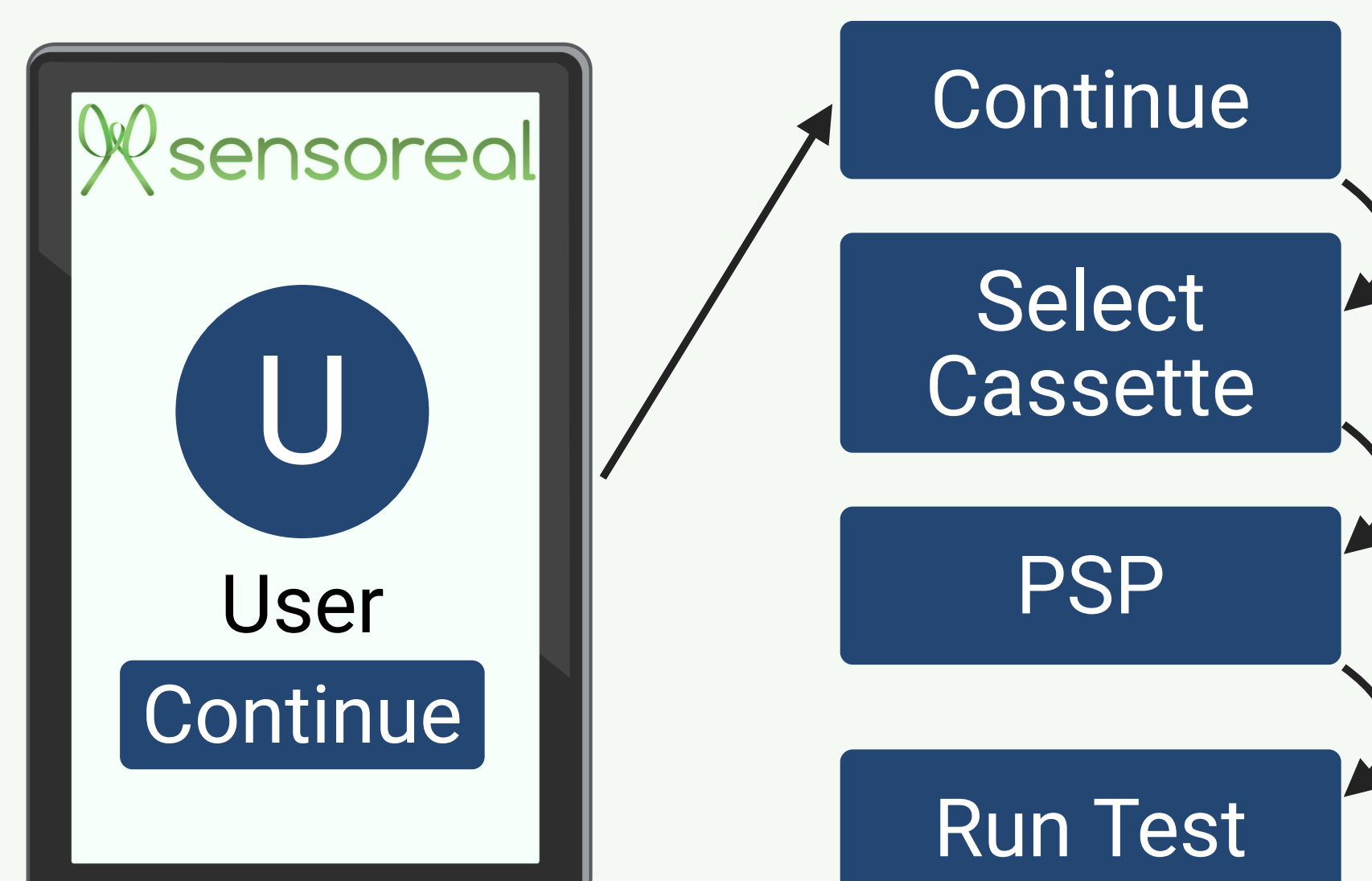


SENSOREAD - INTERPRETING THE RESULTS

Insert the cassette into the reader slot



Follow the steps on the screen



Test results will be displayed after a few seconds

