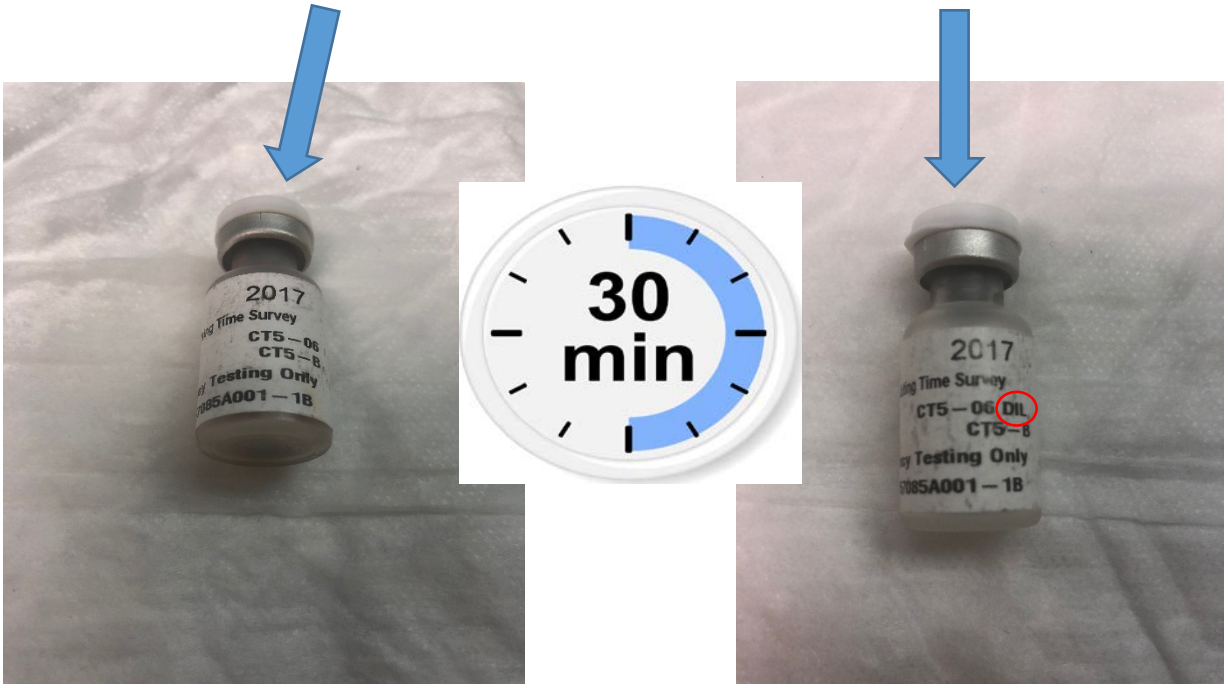
EISENHOWER ARMY MEDICAL CENTER
DEPARTMENT OF PATHOLOGY
POINT OF CARE TESTING SITE
Activated Clotting Time Proficiency Survey

PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING TESTING

1. Test 1 specimen at a time.

2. To reconstitute a **specimen**, obtain a specimen vial and the corresponding **diluent vial**.



Allow the vials to reach **room temperature**. This may take up to **30 minutes**.

3. Peel back the flip top seals and remove the rubber stoppers from these vials.

4. Using a **plastic syringe** 3.0 cc syringe and a needle or a plastic pipette, withdraw **exactly 1.5 cc (mL)** from the diluent vial. Transfer the contents to the specimen vial. Allow the vial to sit undisturbed for **10 minutes**. Note: Use of a plastic pipette is recommended for this activity.

5. **Shake the vial end to end** vigorously until the material is dissolved (approximately 30 seconds). Care should be taken to ensure that all the material is reconstituted, and that any material that may have stuck to the stopper or the sides of the vial is dissolved. The reconstituted specimen is **stable for 1 hour** at room temperature.

6. The addition of **calcium chloride** is necessary to ensure proper test results for purposes of proficiency testing only (patient testing does not require the addition of calcium chloride). To the reconstituted specimen add **1.0 cc (mL) of the calcium chloride**. **Shake the vial containing the specimen end to end vigorously for 30 seconds**.

CALCIUM CHLORIDE

7. **Immediately transfer** the specimen to the i-STAT Celite ACT cartridge or Kaolin ACT cartridge dispensing the necessary volume to the fill line. Close the cartridge and insert immediately into the i-STAT analyzer. Run specimens in the Proficiency Test path by performing the following steps.

    - PRESS ON/OFF
    - PRESS Menu
    - Press 3 for quality tests
    - Press 2 for proficiency

8. Repeat steps 4-7 for the remaining specimens.
9. For questions or more information please contact LT. Charmaine Ibara or SSG NeCole Reese on the DDEAMC Point of Care Testing team.