

Running a PT/aPTT Combination Test

Before testing, make sure that the analyzer is fully charged and that the test strip is undamaged. Locate Codechip that corresponds to test strip box. Insufficient power may interrupt the test. DO NOT use defective test strip to perform the test.

1. Turn device on by pressing power button on left side of analyzer.
 2. Do not move, touch, or hold analyzer during testing. Place the analyzer on a level surface.
 3. Select Test icon from Main Menu.
 4. Select the appropriate species (cat, dog, other).
 5. Press ✓.
 6. Enter Patient Information/ID in Sample No. field.
 7. Press ✓.
 8. Remove test strip from sealed pouch. Use strip within 10 minutes of removal from pouch.
 9. Insert test strip into the analyzer until the sample well is aligned with the unit's circular reference marker. Figure 1
 10. Verify the Codechip No. on the screen matches the Codechip No. on the test strip package. Failure to do so may yield inaccurate results.
 - If yes, click confirm ✓.
 - If no, insert Codechip into slot on right side of analyzer with chip facing down. Figure 2
Enter or confirm ✓ Codechip No. on analyzer.
- NOTE:** Codechip insertion and/or verification is required to run all tests. The Codechip provides the analyzer with important information to perform the coagulation test. Take care to ensure Codechip is not lost or discarded.
11. Analyzer will warm strip and alert **Add Sample** when ready for sample to be added.
 12. Load 1 drop of fresh whole blood or 1 drop of re-calcified whole blood onto test strip. Figures 3 & 4. See *Sample Handling* below.
 13. The analyzer will run test automatically. **Testing** will be displayed.
 14. When the test has completed, **Test Results** will be displayed.
 15. Remove and dispose of the used test strip from the analyzer.
 16. Display will return to home screen once strip is removed.



Figure 1



Figure 2

Sample Handling

Option 1: Fresh Whole Blood

1. Draw blood with a 22 gauge needle or larger. Allow for any alcohol used to thoroughly evaporate before drawing sample.
2. Discard first drop of blood before adding sample to the test strip.

NOTE: Sample must be added to the test strip within 30 seconds of blood draw.

Option 2: Citrated Whole Blood (Blue Top Tube)

1. Draw blood with a 22 gauge needle or larger. Allow for any alcohol used to thoroughly evaporate before drawing sample.
2. Immediately place sample into a blue top tube (sodium citrate), fill exactly to the fill line, and mix thoroughly.
3. Allow sample tube to sit at room temperature for at least one minute before proceeding to re-calcification step.
4. Tap the bottom of re-calcification tube against tabletop to collect all reagent liquid in bottom of tube.
5. With 100 µl pipette, aspirate 100 µl of citrated blood sample.
6. Pierce the foil lid on re-calcification tube with pipette tip containing sample and expel sample into the calcification tube. Mix well by pipetting 6–8 times.
7. Place one drop of blood sample onto test strip.



Figure 3



Figure 4