1. Collect a blood sample by venipuncture using an evacuated sodium citrate tube. Mix well by inverting the tube several times. Do not use glass or siliconized glass tubes!

2. Centrifuge the cupped tubes in a swinging bucket centrifuge at 1600 g for 15 minutes.

3. Transfer top 3/4 of plasma layer to plastic centrifuge tube with cup using a pipette with disposable tips.

4. Centrifuge the plasma specimen tube at 10,000 g for 5 minutes or at 1600 g for 20 minutes to get PFP.

5. Transfer top 90% of plasma to a new tube using a pipette with disposable tips.

6. Turn on T2 Analyser. Turn on the computer and run T2 Software. Prepare the samples and Kit reagents.

7. Scan the QR/bar code from the Activating insert package. Enter Sample data for each channel. Place Reagent tubes and Cuvette into the thermostat.

8. Place 120 µl of PFP into the tube with Reagent 1 mixed with plasma. Gently mix it. Place the tube back into the thermostat.

9. Add 5 µl of prepared Reagent PLS to the tube with Reagent 1 mixed with plasma. Gently mix it. Place the tube back into the thermostat.

10. Press «Start» button in the Thrombodynamics Software or at the T2 Analyser front panel to start the Incubation (3 min).

11. Transfer the contents of the Reagent I tube into the Reagent II (blue tube). Quickly mix the contents several times via pipetting. Avoid foaming.

12. Immediately transfer 120 µl of the resulting mixture into the Channel 1 of the Cuvette.

13. Remove the Activating Insert from protective package and gently place it into the Cuvette. Close the thermostat cap. Press «Start» button to start the measurement.

14. After the measurement is finished dispose the Cuvette, the Activating Insert and the Regent tubes according to the effective regulation for biohazard materials.

15. Print the Test Report.

Research Use Only. This Guide does not replace User Manual.