XCELL PRP
by APEX BIOLOGIX

PLEASE CREATE A STERILE WORK STATION AND BE MASKED & GLOVED BEFORE PROCEEDING

Wipe sealing port with sterile alcohol prior to accessing with a sterile syringe

For questions please contact:

844-897-4910

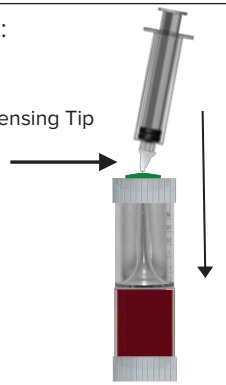
Step 1:

Draw 4.5mL of *ACD-A into 30mL Syringe.

Step 2:

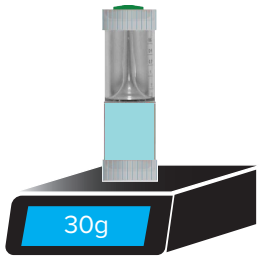
Draw whole blood from the patient, filling the syringe to 30mL. Once blood is drawn, detach the tube and ensure the anti-coagulant spreads throughout the blood sample.

Step 3:



Slowly transfer anti-coagulated whole blood, using the dispensing tip, into the **XCELL** concentrating device.

Step 4:



Secure the green silicone cap to the concentrating device. Match the counterbalance to +/- 1.0g of concentrating device.

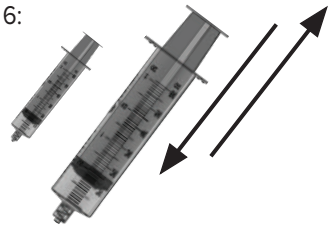
Step 5:

Place **XCELL** counterbalance and concentrating device on opposite ends inside centrifuge and spin:

Drucker:
3500 RPM/2300 RCF
4 minutes

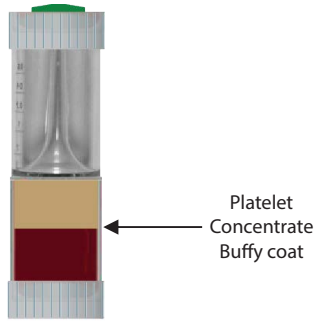
Eppendorf:
3800 RPM/2300 RCF
4 minutes

Step 6:



Prime the 30mL and 12mL syringes to ensure that the barrel moves freely. This is done by simply pulling back and forth on the plunger two to three times. Leave 5mL of air in the 30mL syringe to prevent splatter.

Step 7:

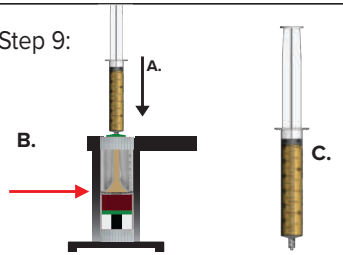


After spin, carefully remove **XCELL** concentrating device from the centrifuge. Remove the cap from Step 4.

Step 8:

Insert **XCELL** Concentrating Device into Bench Top Processing Station then twist knob to move plasma to the bottom of the Luer-slip fitting.

Step 9:

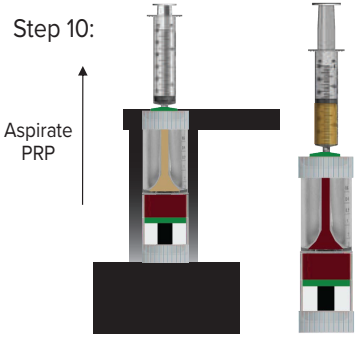


A. Place 30mL Syringe vertically on **XCELL** concentrating device

B. Using the Bench Top Processing Station push PPP into 30mL syringe until the buffy coat reaches 3mL (outlined on concentrating device.) (See red arrow)

C. Remove and cap 30mL syringe

Step 10:



Keeping the assembly vertical, add the primed 12ml syringe and push the remaining PRP until the syringe captures the buffy coat

Step 11:

Cap the 12ml syringe and gently remix the suspension and process is complete

*Anticoagulant Sodium Citrate Dextrose Solution A (ACD-A)