

**\*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 6mL of \*ACD-A into 60mL Syringe

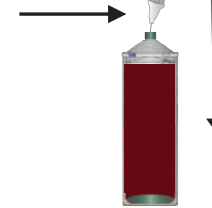
Step 2:



Draw whole blood from the patient, filling the syringe to maximum 60mL. Once blood is drawn, detach the tube and ensure the anti-coagulant spreads throughout the blood sample

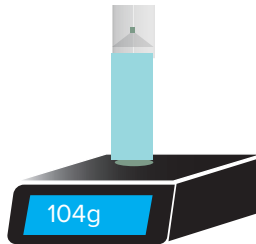
Step 3:

45 Degree bent dispensing tip



Slowly transfer anti-coagulated whole blood using the 45 degree bent dispensing tip into the **XCELL** concentrating device

Step 4:



\*\*Secure the green silicone cap and the clear safety cap to the concentrating device. Match counterbalance to +/- 1.0g of concentrating device.

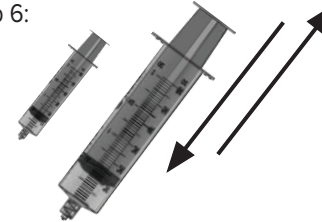
Step 5:

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

Drucker:  
3500 RPM/2300 RCF  
10 minutes

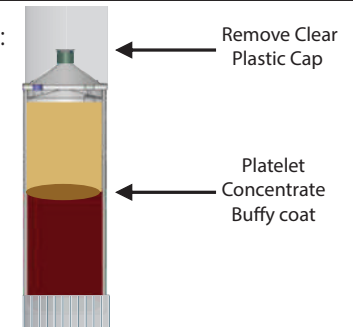
Eppendorf:  
3800 RPM/2300 RCF  
10 minutes

Step 6:



Prime the 60mL 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 60mL syringe to prevent splatter

Step 7:



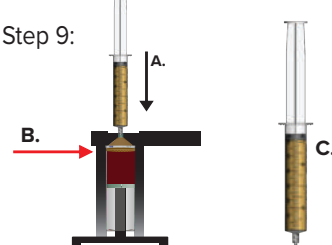
After spin, carefully remove **XCELL** concentrating device from the centrifuge. Remove the caps from Step 4

Step 8:



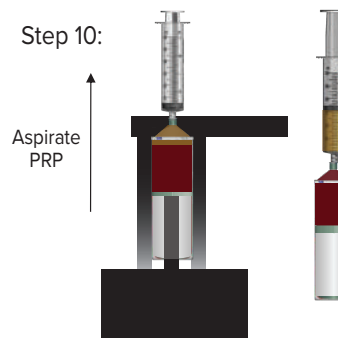
Insert **XCELL** Concentrating Device into Bench Top Processing Station then twist DIAL to move plasma to the bottom of the Luer-slip fitting.

Step 9:



**A.** Place 60mL Syringe vertically on **XCELL** concentrating device  
**B.** Using the Bench Top Processing Station push PPP into 60mL syringe until the buffy coat reaches 6mL (outlined on concentrating device.) (See red arrow)  
**C.** Remove and cap 60mL 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)

\*\*If attaching the green silicone cap is undesirable, use the optional Low-Profile Cap provided

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Step 1:



Draw 6mL of \*ACD-A into 60mL Syringe.

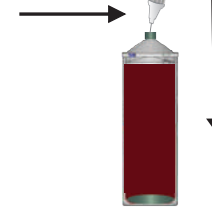
Step 2:



Draw whole blood from the patient, filling the syringe to maximum 60mL. Once blood is drawn, detach the tube and ensure the anti-coagulant mixes throughout the blood sample

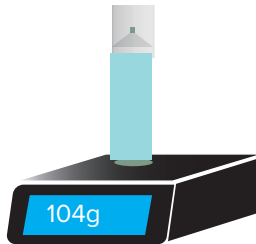
Step 3:

45 Degree bent dispensing tip



Slowly transfer anti-coagulated whole blood using the 45 degree bent dispensing tip into the **XCELL** concentrating device

Step 4:



\*\*Secure the green silicone cap and the clear safety cap to the concentrating device. Match counterbalance to +/- 1.0g of concentrating device.

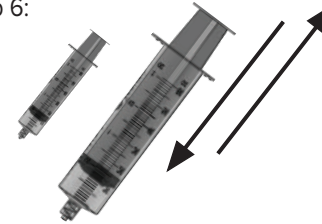
Step 5:

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

Druker:  
3500 RPM/2300 RCF  
10 minutes

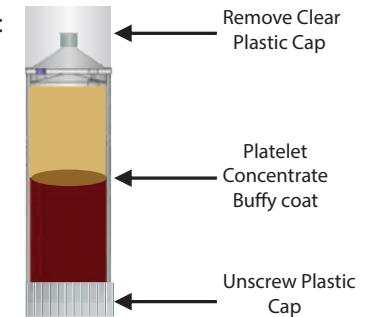
Eppendorf:  
3800 RPM/2300 RCF  
10 minutes

Step 6:



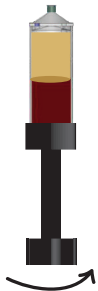
Prime the 60mL and 12mL syringes to ensure that the barrel moves freely. This is done by simply pulling back and forth on the plunger two to three times. Leave 5mL of air in the 60mL syringe to prevent splatter

Step 7:



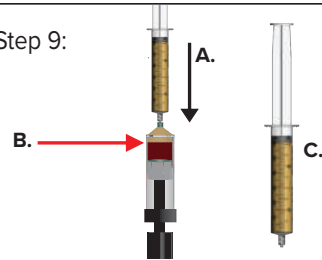
After spin, carefully remove **XCELL** concentrating device from the centrifuge. Remove the caps from Step 4

Step 8:



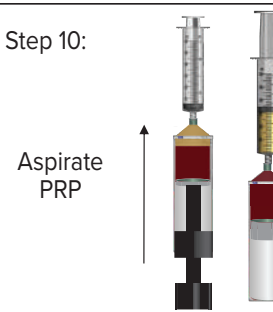
Keeping the **XCELL** Concentrating Device vertical and attach the Lead-Screw device then turn screw to move plasma to the bottom of the luer-slip fitting

Step 9:



**A.** Place primed 60mL syringe vertically on **XCELL** concentrating device  
**B.** Using the Lead-Screw push PPP into 60mL syringe until the buffy coat reaches 6mL (outlined on concentrating device.) (See red arrow)  
**C.** Remove and cap 60mL 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

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