

nSTRIDE™ Autologous Protein Solution

Processing Steps

1

Blood Draw

Attach 18 gauge needle to 60 ml syringe. Withdraw 5 ml of ACD-A (citrate anticoagulant). Prime apheresis needle with anticoagulant. Then slowly draw 55 ml of blood into the syringe. Gently mix anticoagulant with blood in syringe.



2

Load Cell Separator

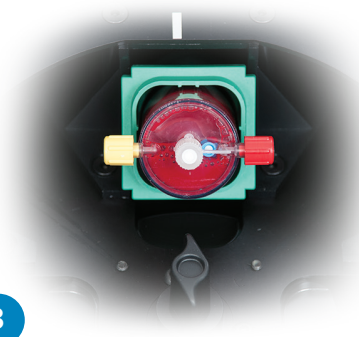
Unscrew cap on center top port (No. 1) of the cell separator and discard green packaging post. Slowly load blood into center port. Remove syringe and attach tethered cap to the top port.



3

Balance

Push Open/Stop button on control of the centrifuge panel. The “unlocked” indicator will illuminate. Turn latch counterclockwise to open lid. Place tube into centrifuge. Be sure the centrifuge is balanced with an appropriate counterbalance or second full separator tube.



4

Spin

Close lid by rotating the lid latch clockwise. “Latched” indicator will illuminate. Set speed to 3200 RPM and time to 15 minutes. Press green start button. Once spin is complete the centrifuge will be unlocked. If one waits too long, one will need to press red button to illuminate “Unlocked” indicator. Twist latch counterclockwise to open lid.



5

Plasma Extraction

Remove yellow cap on side port (No. 2) and connect 30 ml syringe. Slowly tilt tube and withdraw plasma. Replace yellow cap.



6

Cell Suspension and Extraction

Remove red cap on side port (No. 3) and connect 10 ml syringe. Withdraw 2 ml of cell suspension.



With 10 ml syringe attached, suspend cells by shaking tube for 30 seconds.



Extract remaining cell suspension into the attached 10 ml syringe.



7

Load APS Concentrator

Unscrew yellow cap (port No. 1) on APS concentrator and fill with cell suspension from 10 ml syringe. Remove 10 ml syringe and attach tethered cap on port 1.



Spin paddle until cell solution is fully mixed with beads.



8

Spin

Place APS concentrator into centrifuge. Balance centrifuge with appropriate counterbalance or second full autologous protein solution concentrator tube.



Spin for 2 minutes at 2000 RPM.



9

Extract APS

Unscrew red cap (port No. 2) and connect sterile 10 ml syringe. Extract autologous protein solution (approximately 2-3 ml).



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