

Part # 903002VET-6PK (60ml) and 903001VET-6PK (30ml)

See Instructions For Use included with product packaging for more detailed instructions

1. Bone Marrow Aspirate (BMA) Harvest Preparation



For 903002VET device, use (2) sterile 30-ml syringes. Prepare syringes with anti-coagulant (Heparin at **concentration of 1000 U/ml** or ACD-A).

If using Heparin: **1st Syringe:** Draw 3ml heparin solution (1000 U/ml) into 30ml syringe; ensure the heparin coats the entire inner surface of the syringe. **2nd Syringe:** Draw 10ml heparin solution into a 2nd 30ml syringe; ensure the heparin coats the entire inner surface of the syringe. Attach the 2nd 30ml syringe to the BMA needle (Part # 80-2100) and prime with heparin, ensuring 3ml heparin remains in the 30ml syringe. Remove BMA needle and replace the trocar.

If using ACD-A: **1st Syringe:** Draw 5ml ACD-A into 30ml syringe; ensure the ACD-A coats the entire inner surface of the syringe. **2nd Syringe:** Draw 10ml ACD-A into a 2nd sterile 30ml syringe; ensure the ACD-A coats the entire inner surface of the syringe. Attach the 2nd 30ml syringe to the BMA needle and prime with ACD-A, ensuring 5ml ACD-A remains in the 30ml syringe. Remove BMA needle and replace the trocar.

A total mixture of **10 ml of ACD-A and 50 ml of BMA** or mixture of **6 ml of Heparin with 54 ml of BMA** for a combined total of 60ml should be collected for processing.

For 903001VET (30 ml) device, follow the 2nd Syringe instructions above ensuring a total mixture of **5 ml of ACD-A and 25ml of BMA** or mixture of **3 ml of Heparin with 27 ml of**

2. Draw / Load BMA



Follow the BMA needle manufacturer instructions to draw the combined mixture:

For 60 ml device

- 10 ml of ACD-A and 50 ml of BMA
- 6 ml of Heparin with 54 ml of BMA

For 30 ml device:

- 5 ml of ACD-A and 25 ml of BMA
- 3 ml of Heparin with 27 ml of BMA

Load the Separate Tube:

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

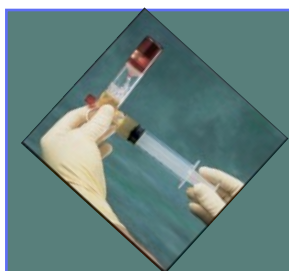
3. Centrifugation (Model 755VES-VET)



Push Open/Stop button on control panel. The “unlocked” indicator will illuminate. Turn latch counterclockwise to open lid. Place tube into centrifuge. Be sure the centrifuge is balanced with counterbalance (Part # 904001VET-60ML) or second full separator tube placed directly across. For 903001VET (30 ml device), use counterbalance Part # 904000VET-30ML concentration tube.

Close lid by rotating the lid latch clockwise. “Latched” indicator will illuminate. Set speed to 3200 RPM and time to 15 minutes. Press Start button. Once spin is complete, press Open/Stop

4. Plasma Discard



Remove tube and unscrew yellow cap. Withdraw the plasma for discard (port No. 2) with a 30 ml syringe. Replace yellow cap. When removing the plasma, tilt at an angle, but avoid inverting, keeping the fluid below the top blue vent.

5. Cell Concentration Extraction



Shake the canister vigorously for 30 seconds to re-suspend cell concentration. Unscrew red cap and withdraw cell concentration (3 ml for 30 ml device; 6ml for 60 ml device) with a 10 ml syringe from port No. 3.

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