

CORD BLOOD COLLECTION INSTRUCTIONS



STEP 1.5

STEP 1 Maternal Blood Collection

1. Perform venipuncture to collect three (3) tubes of the birth mother's blood.
2. All tubes must be FULL.
3. Once blood is collected, invert tubes 4-5 times to mix anticoagulant.
4. Apply the pre-printed barcode maternal labels on the tubes. Document the collection date, time and your initials.
5. Place each labeled blood tube into the white absorbent sleeve and place in small biohazard bag. Return to kit until ready for shipment.
Multiple Births – only three (3) tubes needed of maternal blood.



STEP 2.5

STEP 2 Cord Blood Collection: Vaginal & C-Section

1. Remove Silver Baxter pouch from kit and open cord blood collection bag.
2. Double clamp and cut the umbilical cord.
3. Snap the blue plastic needle guard around the collection tubing. It's critical that the arrow on the outside of the guard is pointing toward the end of the needle.
4. Confirm the donor's (baby's) identity prior to collection. Do not initiate or continue the collection of the cord blood if medical complications are present that affect the safety of the birth mother or baby.
5. Prior to delivery of the placenta, cleanse 4 – 6" of umbilical cord with the CloraPrep® applicator for 30 seconds, followed by air drying for 30 seconds.
6. Remove the needle cap by gently twisting and pulling the cap. If C-Section delivery, open sterile adapter kit and insert cord blood collection bag needle into extension tubing.
7. Insert the needle into the umbilical vein and hold in place.
8. Using gravity, lower the bag collecting as much blood as possible (bag should contain at least 80 ml or be 1/3 full).
9. If the vein collapses, work your way up the cord using additional insertion sites.
10. When collection is completed, milk the blood remaining in the tubing down into the collection bag.
11. Withdraw needle from cord insertion site, invert bag, remove protected needle and place needle in sharps container.
12. Tie at least 2 knots in tubing to prevent blood from leaking out. Do not suture tubing.
13. Gently invert the bag several times to mix cord blood with anticoagulant.
14. Apply pre-printed client identification label on cord blood collection bag. If personalized labels are not available, document collection information on blue donor label contained inside the collection kit. Unlabeled specimens will not be accepted.
15. Wrap the absorbent towel around secured cord blood bag. Place cord blood bag into the large biohazard bag and seal. Place both sealed biohazard bags into silver bubble pouch and seal pouch. Place specimens in large insulated cut out in collection kit. Prepare specimen for shipping.



STEP 2.12

STEP 3 Labeling and Preparing for Shipment

1. Complete delivery information and birth mother's post partum health history on Part 3 of the Cord Blood Collection Form.
2. Seal box and attach personalized barcode label #5 on side of shipping box.
3. Parents are responsible for the return shipment of the specimens to the laboratory for processing.
3. Parents should follow the step by step return shipping instructions provided in kit.
4. The cord blood specimen should be shipped promptly after delivery.
5. If you have any questions on preparing your specimen for shipping, please contact Cryo-Cell Int. 24/7 at 800-786-7235, option 1.



STEP 2.14

Please sign and return form with collection kit.

HEALTH CARE PROVIDER

Cord Blood Collector Training and Acknowledgement

The Cord Blood Collector acknowledges that complications may occur during delivery which could prevent or impede the collection of the cord blood or produce an inadequate specimen collection. I understand and acknowledge that the collection of cord blood shall not jeopardize or put at risk the health of the mother and/or the health of the baby.

The cord blood collector has read and comprehends the proper techniques and procedures of cord blood collection as addressed in Cryo-Cell International's cord blood collection instructions.

Name of Physician/Midwife (Print)

Name of Practice (Print)

Name of Physician/Midwife (Signature)

Date

Telephone

Blood Transfusion

Has the Mother received blood or fluids transfused/infused within the last 48 hours before maternal blood collection? If so please indicate what was infused, document the time of infusion and the amount. If sample is determined to be diluted we may require an additional sample collected before transfusion/infusion for infectious disease testing.

Infused: _____ Volume: _____

Date & Time: _____