

## Protect these cells every step of the way

The quality of the samples you collect may help increase the potential for future use by your patients' families. Three key factors—volume, sterility, and blood draw of the birthing individual—are essential for obtaining the best quality sample.



### 1 Open the box.

Do not use a scalpel or sharp scissors to open the collection bag. Everything you need for cord blood, cord tissue, and birthing person/maternal blood draw collection is included in the kit.

### 2 Collect birthing person/maternal blood draw

The birthing person/maternal blood draw is a regulatory requirement that must be collected within 24 hours of delivery. Please use the blood collection tubes provided and fill tubes completely. Record the date, time of draw, and phlebotomist on each blood collection tube. Place tubes into shuttle; place shuttle into plastic bag. Record birthing person/maternal blood draw information on the Data Collection Sheet.

### 3 Clamp & cut the umbilical cord.

Double clamp and cut the umbilical cord as close to the newborn as possible.

### 4 Clean the needle insertion site.

Using a single motion, clean the insertion site with the provided alcohol pad, Betadine®, or 70% alcohol. Do not wipe over a cleaned area with the same swab.

### 5 Insert the needle.

Close the white clamp on the tubing and gently twist and pull the needle cover off. Insert the needle bevel side down into the umbilical vein. Open the white clamp to allow the blood to begin flowing. Extend the tubing to its full length and make sure that the collection bag is below the level of the uterus.

### 6 Collect as much blood as possible.

As the blood slows, it may be helpful to milk the cord towards the bag, and, as a last attempt to maximize the collection volume, you can massage the uterus.

### 7 Close the tubing.

Close the white clamp near the “Y” connection to maintain a closed system.

### 8 Remove, cover, and dispose of the needle.

Remove the needle from the umbilical vein and slide the flexible safety guard over the needle. Remove the needle by cutting the tubing between the white clamp and the needle safety guard. Dispose of the needle per your hospital's protocol.

### 9 Vent the chamber.

Open the blue cap on the sterile clearance vent to empty any blood remaining in the tubing into the collection bag.

### 10 Make a closed-loop knot.

Loop the tubing and tie a knot as close to the sterile clearance vent as possible. Pull the knot tightly and leave at least **eight inches of tubing** between the knot and the bag to allow for closed processing at our lab. Place the cord blood collection bag into the plastic bag with the absorbent pad and seal the bag. Please be sure not to block to the barcode.

### 11 Collect cord tissue (if applicable).

The CordCup® container is not sterile and should be kept outside of the sterile field. Clean and cut a 4–8 inch segment of undamaged and unclamped umbilical cord. Coil the cord tissue inside the cord cup, and screw the lid on firmly. Remember to complete the cord tissue label found on the inside left panel of the box, and fix the label to the outside of the cup, being careful not to obstruct the bar code.

### 12 Complete Data Collection Sheet with provider, delivery, and baby information

Complete the healthcare provider and baby information sections of the Data Collection Sheet, ensure all information has been completed, and place inside the kit. Then give the collection kit to your patient with instructions to text or call the courier for pickup at the hospital.

#### We're here to help!

If you have questions, please contact your CBR representative or visit [cordblood.com/providers](http://cordblood.com/providers)

# We've got you covered

Discover all the features of the CBR® collection kit.

**A Sterile clearance vent**

Sends any blood remaining in the tubing after collection into the bag, resulting in higher collection volumes.

**B Clamp-on tubing**

Gives physician more control over sterility and blood flow.

**C Flexible safety guard**

Covers the needle before and after cord blood collection.

**D CordCup® container**

CBR created the first cord tissue collection system in the U.S., including CordPrep™ solution and CordCup® container, to protect the tissue and minimize contamination during transportation to the lab.

**E Parent and doctor guides**

Provides instructions to make the collection process simple.

**F Unique kit design**

Unique design transforms into a crush-resistant, temperature protected, and electronically tracked cube to help ensure that it is protected and delivered safely.

