

## Fresh Product

### Cord Blood Plasma

Catalog#	CBPL010F	10 mL
	CBPL020F	20 mL
	CBPL030F	30 mL
	CBPL040F	40 mL
	CBPL050F	50 mL

## Product Description

Human whole umbilical cord blood is needle aspirated from the umbilical cord vein using a cord blood collection bag containing 35 mL of the anticoagulant citrate phosphate double dextrose (CP2D). Plasma is isolated using a density gradient centrifugation protocol. As a result, there is a reduced platelet count in the harvested plasma.

Fresh products have a high viability without the detrimental effects of freezing, thawing, and exposure to cryoprotectants.

Plasma was obtained using Institutional Review Board (IRB) approved consent forms and protocols.

## Sample Collection and Processing

All samples are collected at nearby partner hospitals or clinics. Umbilical cord blood bags contain CPD. Samples are then quickly processed in our on-site laboratory to achieve maximum viability and quality.

Infectious disease testing for HIV, HBV, and HCV is performed on a sample of cord blood by a CLIA-certified lab.

## Format

Fresh umbilical cord blood plasma is shipped at ambient temperature.

Specific containers and media can also be prepared as requested by the customer.

## Storage

Fresh products should be used or processed immediately upon receipt. The warranty only covers items whose specifications are tested at the time they are received.

## Warning

This product contains human tissue or other biological material and MUST be handled at Biosafety Level 2 or higher. All biological products should be treated as potentially infectious or contaminated material, even if infectious disease screening reports are negative. Follow universal precautions and wear appropriate personal protective equipment.

## Product Warranty

For our product warranty, please review our Terms and Conditions at [stemexpress.com/terms-and-conditions/](http://stemexpress.com/terms-and-conditions/).

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