

Cryopreserved Product

Cord Blood Plasma

Catalog#	CBPL010C	10 mL
	CBPL020C	20 mL
	CBPL030C	30 mL
	CBPL040C	40 mL
	CBPL050C	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.

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

Cryopreservation

All cryopreserved products are stored in containers designed and tested for ultra-low temperatures at long time intervals. We normally ship cryopreserved items on dry ice, but can also use a cryoshipper at the customer's request.

Sample Collection and Processing

All samples are collected at nearby partner hospitals or clinics. Samples are then quickly processed in our on-site laboratory to achieve maximum viability and quality. Cryopreserved plasma products are frozen at -20°C, and then transferred to a -80°C freezer.

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

Format

Umbilical cord blood plasma is snap frozen in its original collection bag or aliquoted to a sterile conical tube without anticoagulant.

Storage

Cryopreserved plasma should be maintained at -80°C. Plasma is warranted for twelve months from the date of receipt if stored at -80°C. Thawed samples must be used immediately.

Thawing Instructions for Cell Products

Thaw in a 37°C water bath or at 2 - 8°C overnight.

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/.

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