

# CS-530.4b Sepax™ Kit

## SEPAX™ CELL SEPARATION SYSTEM

Sepax™ kits are integral to our Sepax™ Cell Separation System. They are supplied sterile for single-use and enable a functionally-closed environment to separate cellular product into its components.

The CS-530.4b kit is designed for processing umbilical cord blood (UCB) in order to concentrate the nucleated cell fraction into a double-compartment CryoSC-Db cryobag.

### Key features

Part	Name	Description
1	Separation chamber	220 mL spinning chamber enabling the centrifugation and transfer of processed product
2	Line pressure monitor	0.2 µm filter that connects to the Sepax pressure sensor
3	Stopcock manifold	Three automatically controlled rotational valves to direct fluid flow
4	Drip chamber	200 µm filter to block blood clots and trap air bubbles
5	Initial line	Connects the kit to the initial bag via a spike or SCD connection
6	Cryobag	CryoSC-Db cryobag with 25 mL storage capacity
7	By-product bag	500 mL PVC by-product bag to collect plasma
8	DMSO extension line	A line equipped with leur port connections for adding cryoprotectant solution
9	DMSO vial spike	Needle with leur port for connecting cryoprotectant solution
10 11	Final line	Final line with leur and sampling ports

### Kit / application compatibility matrix

Kit / application	UCB	UCB-HES
CS-530.4b	●	●

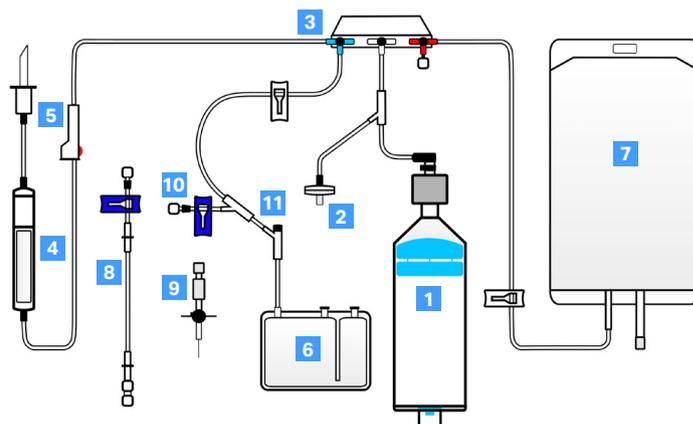


Fig 1. Diagram showing components of CS-530.4b Sepax™ Cell Separation Kit.

### Product specifications

Only for use with Sepax™ instrument and compatible applications (see previous section).

Shelf life	Two years from the date of manufacture
Sterility	Ethylene oxide
Material	Standard medical grade PVC, PP, EVA, and other materials
Biocompatibility	ISO 10993-1
Tubing	All the tubes are made of PVC and are compatible with sterile connections. External diameter is 4 mm.

The CS-530.4b is CE marked and complies with the applicable requirements of the European regulatory framework. Confirm with your local regulatory authority for compliance with other regulations.

### Storage requirements

Store kits in a clean and dry environment without chemical or biological contamination within the following conditions:

	Operation	Storage and transport
Temperature	7°C to 27°C	4°C to 40°C
Relative humidity	30% to 75% non-condensing	20% to 75% non-condensing

## Ordering information

Product	Product code
CS-530.4b Sepax™ Cell Separation Kit	10036
<ul style="list-style-type: none"><li>• Each kit is packed in an individual blister sealed with a Tyvek™ cover</li><li>• Minimum order: Box of 6 kits (dimensions: 33 × 35 × 26 cm, 13 × 14 × 10 in)</li></ul>	

Related products	Product code
Sepax™ 2 S-100 Cell Separation Instrument	14000
UCB Sepax™ 2 protocol software	14201
UCB-HES Sepax™ 2 protocol software	14200

Not all products are available in all countries. Please contact your sales representative about the product availability in your region.

## Manufacturer information

Biosafe S.A., Route du Petit-Eysins 1, 1262 Eysins, Switzerland

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