

# CordWash

## SEPAX™ APPLICATION SOFTWARE

Our application software provides a fully-automated method to separate cellular product into its components in combination with our Sepax™ Cell Separation System. It enables a reproducible and user independent procedure.

The CordWash application is intended for concentration of total nucleated cells (TNC) and hematopoietic stem cells (HSC) from thawed umbilical cord blood (UCB), and to wash out a maximum quantity of cryoprotectant solution and cellular debris. Extended cell viability is obtained and cells are consequently ready for re-infusion or cultivation.

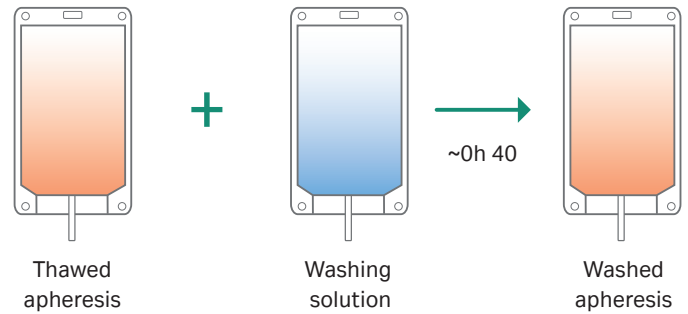
### Key Features

Feature	Description
Initial volume	10 to 100 mL
Selectable final volume	50 to 150 mL
Average processing time	~40 min*
Average CD34+ recovery	90%*
Average CD34+ viability	98%*

\*Indication only. Performance depends on user / cellular product configuration.

### Workflow

Step	Details
1	Prepare a washing solution.
2	Prepare a single-use kit with the initial product.
3	Install the kit on the Sepax™ instrument.
4	The Sepax™ system automatically performs the procedure including: <ul style="list-style-type: none"><li>• Primary dilution</li><li>• Osmolarity balancing</li><li>• Sedimentation and initial bag rinsing</li><li>• Supernatant extraction</li><li>• Cell resuspension</li><li>• Cell Wash (optional)</li><li>• Cell extraction into a final product bag.</li></ul>



### Product specifications

- Designed to minimize the exposure of cells to DMSO and avoid any negative effects on the cells
- Dilution ratio: Defines the volume of washing solution used to dilute the initial product for osmolarity balancing
- Traceability IDs: Use the Sepax™ traceability kit (barcode reader + printer) to track specific identification criteria and print out a PDF report
- Main user interface available in multiple languages

# Ordering Information

<b>Products</b>	<b>Product code</b>
CordWash Sepax™ 2 protocol software	14304

Packaging: One box containing a USB stick with the installer.

<b>Related products</b>	<b>Product code</b>
Sepax™ 2 S-100	14000
Sepax™ 2 RM	14100
CS-600.1 Sepax™ cell separation kit - Box of 6 Units	10006

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

Contact us at:

[www.cytivalifesciences.com/en/us/support/contact-us](http://www.cytivalifesciences.com/en/us/support/contact-us)

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# SmartWash

## SEPAX™ APPLICATION SOFTWARE

Our application software provides a fully-automated method to separate cellular product into its components in combination with our Sepax™ Cell Separation System. It enables a reproducible and user independent procedure.

The SmartWash application is intended for concentration of total nucleated cells (TNC) and hematopoietic stem cells (HSC) from thawed apheresis, and to wash out a maximum quantity of cryoprotectant solution and cellular debris. Extended cell viability is obtained and cells are consequently ready for re-infusion or cultivation.

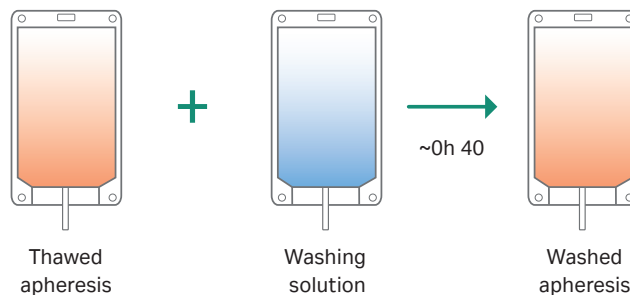
### Key Features

Feature	Description
Initial volume	50 to 880 mL
Selectable final volume	50 to 200 mL
Average processing time	~40 min*
Average CD34+ recovery	94%*
Average CD34+ viability	98%*

\*Indication only. Performance depends on user/cellular product configuration.

### Workflow

Step	Details
1	Prepare a washing solution.
2	Prepare a single-use kit with the initial product.
3	Install the kit on the Sepax™ instrument.
4	The Sepax™ system automatically performs the procedure including: <ul style="list-style-type: none"><li>• Primary dilution</li><li>• Osmolarity balancing</li><li>• Sedimentation and initial bag rinsing</li><li>• Supernatant extraction</li><li>• Cell Wash (optional)</li><li>• Cell resuspension</li><li>• Cell extraction into a final product bag.</li></ul>
5	Wash up to three more bags from the same donor.



### Product specifications

- Designed to minimize the exposure of cells to DMSO and avoid any negative effects on the cells
- Dilution ratio: Defines the volume of washing solution used to dilute the initial product for osmolarity balancing
- Traceability IDs: Use the Sepax™ traceability kit (barcode reader + printer) to track specific identification criteria and print out a PDF report
- Main user interface available in multiple languages

# Ordering Information

<b>Products</b>	<b>Product code</b>
SmartWash Sepax™ 2 protocol software	14305

Packaging: One box containing a USB stick with the installer.

<b>Related products</b>	<b>Product code</b>
Sepax™ 2 S-100	14000
Sepax™ 2 RM	14100
CS-600.1 Sepax™ cell separation kit - Box of 6 Units	10006

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