

NeatCell

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 NeatCell application is intended for enrichment of the mononucleated cells (MNC) by depletion of granulocytes as well as red blood cells by use of a density gradient medium from bone marrow, whole blood, fresh apheresis, or umbilical cord blood.

Key features

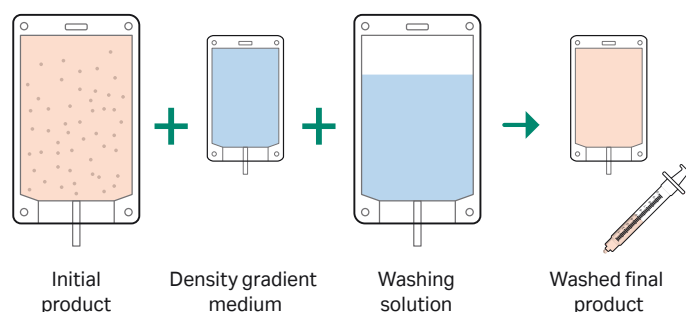
Features	Description
Initial volume	30 to 120 mL*
Selectable final volume	8 to 20 mL, or 45 mL
Average processing time	75 min**
Average MNC recovery	52%**
Average RBC depletion	99%**

*For initial volumes greater than 120mL, use PeriCell or SmartRedux to concentrate the initial product.

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

Workflow

Step	Details
1	Prepare a kit with density gradient medium, washing solution, and a syringe for collecting the final product (if applicable).
2	Connect initial product to the single-use kit.
3	Install the kit on the Sepax™ instrument.
4	The Sepax™ system automatically performs the procedure including: <ul style="list-style-type: none">• Priming• Isolation via a density gradient medium• Washing and resuspension
5	Collect purified mononuclear cells from the final product bag or via a syringe.



Product specifications

- Automated procedure comprising of all required steps
- 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

Accessory for small final volume option

Use the separation chamber holder for the last steps of the procedure when collecting the final cells in a pre-connected syringe.

Ordering information

Product	Product code
NeatCell Sepax™ 2 protocol software	14300

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

Related Products:

Related products	Product code
Sepax™ 2 S-100	14000
Sepax™ 2 RM	14100
CS-900.2 Sepax™ cell separation kit - Box of 6 Units	10008
Separation chamber holder	6033
Ficoll-Paque™ PLUS 6X100 mL	17144002
Ficoll-Paque™ PREMIUM 6X100 mL	17544202
PeriCell Sepax™ 2 protocol software	14203
SmartRedux™ 2 protocol software	14301

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

Manufacturer information

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Contact us at:

<https://www.cytivalifesciences.com/en/us/support/contact-us>

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