

SpinOcultation C-Pro

application software

SEPAX™ C-PRO CELL PROCESSING SYSTEM

SpinOcultation C-Pro application software has been developed to automate transduction in your cell therapy manufacturing process. Use it in combination with Sepax C-Pro instrument and CT-60.1 kit for a functionally closed, simple, and user-independent procedure. SpinOcultation C-Pro allows you to choose the volume, and therefore the cell concentration, at every step of the procedure, from initial cell preparation through transduction to final resuspension. You can also customize transduction parameters to fit your needs.

- **Concentrate:** simplify cellular volume management by performing volume reduction cycles when needed. Process initial volumes up to 880 mL
- **Wash cells:** effectively remove debris and get your cells ready for transduction, in the volume you define
- **Add virus and spinoculate:** add virus and perform spinoculation to enhance transduction. You can define the volume, duration, and g-force spinoculation, to customize the process
- **Resuspend cells:** at the end of the process, extract your cells in the volume and solution you need for the following steps

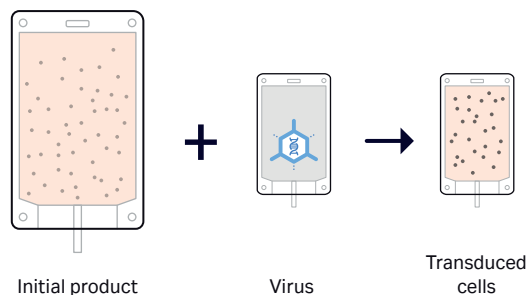


Fig 2. Processing operations available in SpinOcultation C-Pro.

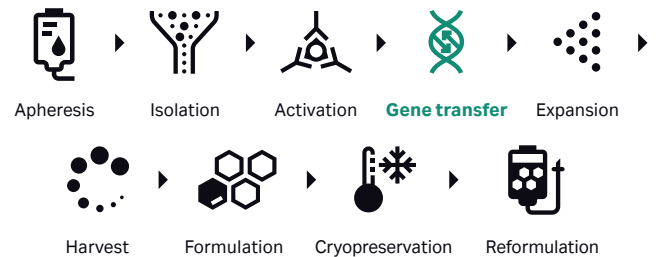


Fig 1. General workflow for cell therapy manufacturing. SpinOcultation C-Pro performs operations within the step highlighted in green.

Key features

Experience the versatility of Sepax C-Pro system in its entirety; our comprehensive software pack comprises all Sepax C-Pro application software.

Feature	Description
Initial volume	20 to 880 mL
Selectable final volume	20 to 500 mL ± 5 mL
Configurable wash cycles before spinoculation	Select the number of cycles – 0 to 2, g-force – 100 to 600 × g, sedimentation time – 120 to 600 s
Spinoculation	Customize the volume of virus solution – 100 to 150 mL, g-force – 500 to 1200 × g, spinoculation time – 30 to 180 min
Average processing time	100 min – depending on initial volume and spinoculation time
Transduction efficiency	Comparable to manual process
Average final cell viability	> 95% after cell expansion*

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

Ordering information

Product	Product code
Sepax C-Pro application software pack	29734656
<ul style="list-style-type: none">Product is supplied as a USB drive containing the software installer	

Related products	Product code
Sepax C-Pro Cell Processing Instrument	29264741
CT-60.1 Sepax C-Pro Cell Processing Kit	29264739

[cytiva.com/celltherapy](https://www.cytiva.com/celltherapy)

Cytiva and the Drop logo are trademarks of Life Sciences IP Holdings Corporation or an affiliate doing business as Cytiva.

© 2020–2023 Cytiva

For local office contact information, visit [cytiva.com/contact](https://www.cytiva.com/contact)

CY13890-03Aug23-DF

