

PremierCell Sefia Protocol Software

SEFIA CELL PROCESSING SYSTEM

With PremierCell Protocol Software you can customize apheresis product processing from up to 880 mL. An initial dilution step makes PremierCell suitable for either fresh or thawed units. Use centrifugation technology to concentrate cells, deplete platelets, perform density gradient-based separation, and resuspend your final product. Designed for use with Sefia™ S-2000 Cell Processing Instrument and CT-300.1 Sefia Cell Processing Kits, PremierCell software offers the flexibility to program only the parameters you need. Processing temperature can be controlled between 4°C and 37°C for accurate product preparation and improved process control.

- **Concentrate:** easily manage your cell volume by concentrating cells. PremierCell software allows you to select initial volumes up to 880 mL and final volumes as low as 20 mL.
- **Deplete platelets:** effectively remove excess platelets that could interfere with subsequent processing
- **Perform density gradient-based separation:** isolate the mononuclear cell (MNC) fraction using a density gradient*

* Performance has been validated using media with 1.077 g/mL density, such as Ficoll-Paque™ PREMIUM. Medium of any other density must be validated by the user.

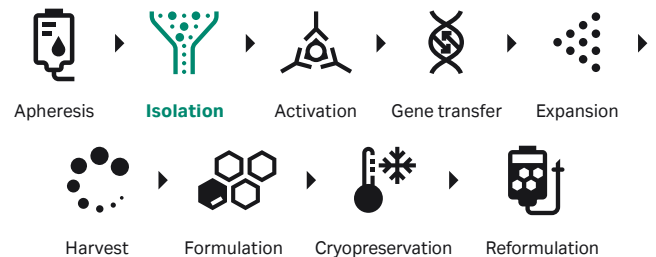


Fig 1. General workflow for cell therapy manufacturing. PremierCell software performs the step highlighted in green.

Key features

Feature	Description
Initial volume	Up to 880 mL
Selectable final volume	20 to 200 mL
Bag split	Up to 2 final bags
Final product temperature range	4°C to 37°C
Monocyte recovery – average	55.6%
Lymphocyte recovery – average	41.1%
Platelet depletion – average	96.6%

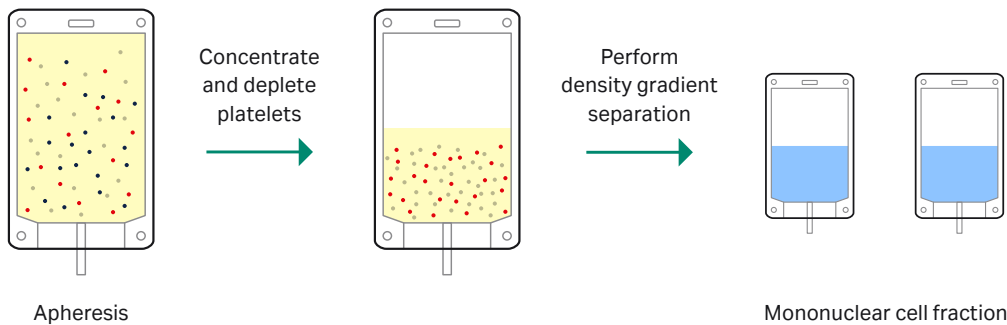


Fig 2. Select from these processing operations available in PremierCell.

Ordering information

Product	Product code
PremierCell Sefia Protocol Software	29321902
<ul style="list-style-type: none">• Product is supplied as a USB drive containing the protocol installer	
Related products	Product code
Sefia S-2000 Cell Processing Instrument	29285527
CT-300.1 Sefia Cell Processing Kit	29284866

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