

CT-300.1 Sefia Cell Processing Kit

SEFIA CELL PROCESSING SYSTEM

CT-300.1 Sefia™ Cell Processing Kit allows you to maintain a functionally closed fluid path during the isolation step of your upstream cell therapy processing. Each kit includes a proprietary separation chamber, sterile welding-compatible tubing, sampling pillows, filters, and other necessary components.

Designed for use with Sefia S-2000 Cell Processing Instrument and PremierCell Protocol Software, CT-300.1 kit is ready for connection to your cell bag. Then, install the kit on Sefia S-2000 instrument to launch the processing application.

- Easily find and set up the tubing you need by checking the color
- Streamline your process by combining procedure steps. The multiple lines and bags in each kit make this possible.
- Run multiple cycles with confidence. The separation chamber is designed for these applications.

Key features

Part	Name	Description
1	Initial line with spike	Connects to the initial product bag. Includes a drip chamber with 200 µm filter.
2	Luer connection	An alternative for connection to the initial product bag
3	Final product bag	250 mL bag for the final product, enriched mononucleated cells
4	Final product line with spike	Connects the kit to a second final product bag
5	Intermediate bag	250 mL bag used to hold the cells after platelet depletion
6	Waste bag	5.5 L waste bag
7	Resuspension solution bag	250 mL bag for the resuspension solution
8	Resuspension solution spike	Spike to connect a bag containing the resuspension solution
9	Spike for washing solution to remove density gradient medium	Spike to connect a bag containing the washing solution to remove density gradient medium
10	Spike for washing solution to remove platelets	Spike to connect a bag containing the washing solution for platelet depletion

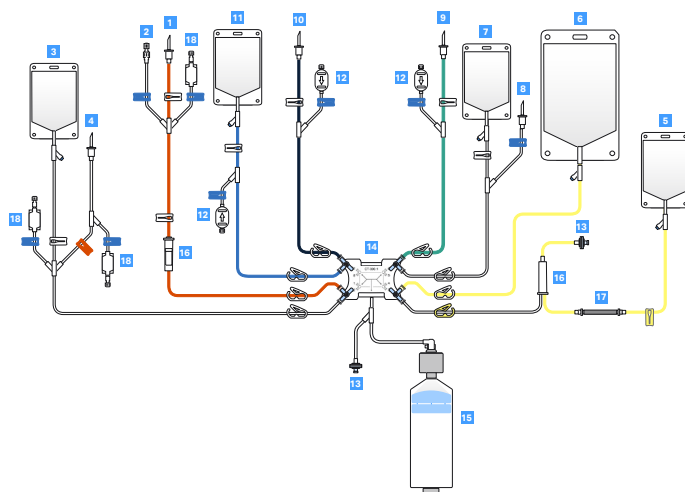


Fig 1. Diagram showing components of CT-300.1 Sefia Cell Processing Kit.

Part	Name	Description
11	Density gradient medium and intermediate bag	250 mL bag initially containing the density gradient medium. After density gradient-based separation, bag will contain the extracted product.
12	Filter	0.2 µm hydrophilic PES filter
13	Pressure filter	0.2 µm hydrophobic filter and luer connector for pressure line
14	Stopcock cassette	Four stopcocks driving eight independent lines
15	Separation chamber	220 mL centrifugation chamber
16	Drip chamber	Drip chamber
17	Peristaltic pump tubing	Tubing compatible with peristaltic pump
18	Sampling pillow	Pillow for product sampling
16	Drip chamber	Drip chamber
17	Peristaltic pump tubing	Tubing compatible with peristaltic pump
18	Sampling pillow	Pillow for product sampling

Product specifications

Shelf life	Two years from the date of manufacture
Sterility	Ethylene oxide, non-pyrogenic
Material	Standard medical grade PVC, PP, POM, PC, EVA, ABS, and silicone

Storage requirements

Store kits in a clean and dry environment without chemical or biological contamination. The conditions should be as follows:

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

Ordering information

Product	Product code
CT-300.1 Sefia Cell Processing Kit	29284866
<ul style="list-style-type: none">Each kit is packed in an individual blister sealed with a Tyvek™ coverMinimum order: Box of 8 kits (box dimensions: 72 × 43 × 35 cm [28 × 17 × 14 in])	

Related products	Product code
Sefia S-2000 Cell Processing Instrument	29285527
PremierCell Sefia Protocol Software	29321902

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