

FREE YOUR CELLS FROM PARTICLES

Use EasySep™ Release to Positively Select Cells



You can now positively select immune cells and then release bound magnetic particles from your isolated cells. EasySep™ Release combines the speed and ease of the EasySep™ cell isolation platform with the flexibility of the new Releasable RapidSpheres™ for the separation of particle-free, highly purified immune cells. Mix and match with EasySep™ cell isolation kits that use Dextran RapidSpheres™ to isolate unique and complex cell types by performing sequential positive selections.

Learn more and see data at www.EasySepRelease.com.

Why Use EasySep™ Release?

PARTICLE-FREE. Culture and analyze positively selected cells without magnetic particles.

FLEXIBLE. Perform sequential positive selections to isolate unique and complex cell types.

FAST AND EASY. Obtain highly purified cells free of magnetic particles in under 30 minutes.

COLUMN-FREE. With no columns, the simple EasySep™ pour-off is gentle on your cells.

HIGH PURITY. Achieve purities of up to 99%.

EasySep™ Release Kits

Positive Selection	Catalog #
Human CD3	17751
Human CD4	17752
Human CD19	17754
Human CD45	100-0105
Human APC	100-0031
Human PE	17654
Human Biotin	17653
Mouse APC	100-0033
Mouse PE	17656
Mouse Biotin	17655

Why Choose EasySep™?

"The viability of the cells tends to be higher just because it is so fast."

- Scientist, National Institutes of Health

"More cost-effective due to the lack of consumables."

- Postdoctoral Fellow, Yale School of Medicine

"Very flexible and allows for easy up-scaling."

- PhD Candidate, University of Oxford

Which Cell Isolation Platform Should You Choose?



EasySep™

For fast and easy cell separation with a simple pour



EasyEights™ & EasyPlate™

For simultaneous cell separation from up to 96 samples

How Does EasySep™ Release Work?

Typical EasySep™ Release Protocol

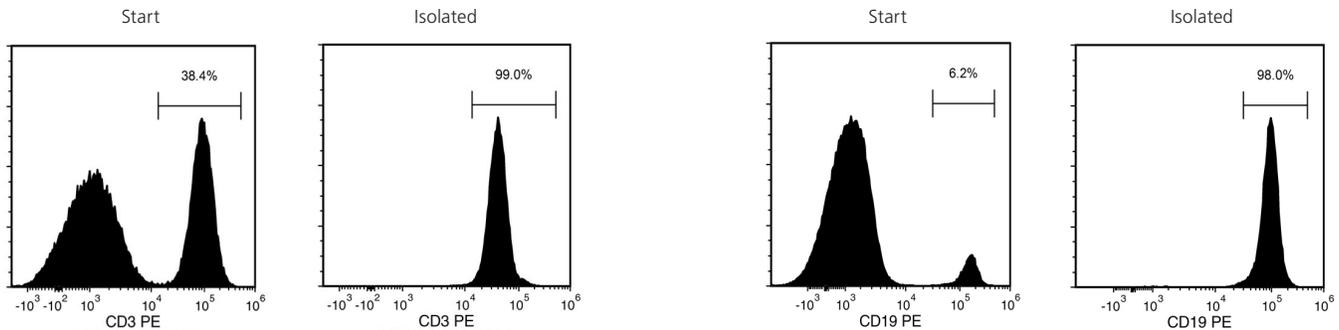
- 1 Add EasySep™ Release Positive Selection Cocktail.
- 2 Add EasySep™ Releasable RapidSpheres™.
- 3 Place tube in EasySep™ Magnet and incubate for 5 minutes.

Pour off to discard supernatant.

Resuspend cells and repeat for a total of 3 x 5-minute separations.
- 4 Resuspend cells in EasySep™ Release Buffer.
- 5 Place tube in EasySep™ Magnet and incubate 5 minutes.
- 6 Pour off desired fraction into a new tube.



Highly Purified Cells



Typical EasySep™ Release Human CD3 Positive Selection

Starting with a single-cell suspension of human peripheral blood mononuclear cells (PBMCs), the CD3⁺ cell content of the isolated fraction is typically $98.7 \pm 0.9\%$ (mean \pm SD using the purple EasySep™ Magnet). In the above example, the purities of the start and final isolated fractions are 38.4% and 99.0%, respectively.

Typical EasySep™ Release Human CD19 Positive Selection

Starting with a single-cell suspension of human PBMCs, the CD19⁺ cell content of the isolated fraction is typically $97.7 \pm 2.3\%$ (mean \pm SD using the purple EasySep™ Magnet). In the above example, the purities of the start and final isolated fractions are 6.2% and 98.0%, respectively.

For a complete list of EasySep™ cell isolation kits, please visit www.EasySep.com.