

Introducing MojoSort™

Magnetic Cell Separation System

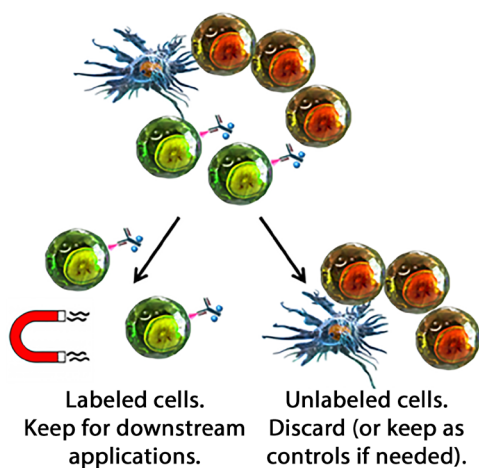
BioLegend is proud to introduce MojoSort™, a magnetic bead-based system for effective cell isolation. Cells can be isolated through positive selection, where cells of interest are bound by antibody-conjugated magnetic nanobeads. Or, cells can be isolated through negative selection, where the population of interest is untouched and all other cell types are labeled. Following separation with our magnet, both fractions of cells can be used for downstream applications.

MojoSort™ features:

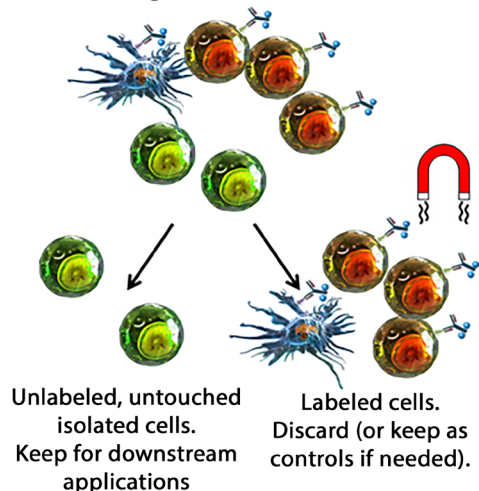
- Tube-based magnetic separation.
- Fast and easy isolation (No-wash protocols available).
- Outstanding pricing.
- Excellent purity and yield.
- Small and large test size available for convenience.
- Selected kits with even larger size for more value.
- Validated *in vitro* and *in vivo*.
- Compatible with separation columns.



Positive Selection



Negative Selection



To learn more, visit: biolegend.com/mojosort



Toll-Free Tel: (US & Canada): 1.877.BIOLEGEND (246.5343)

Tel: 858.768.5800

biolegend.com

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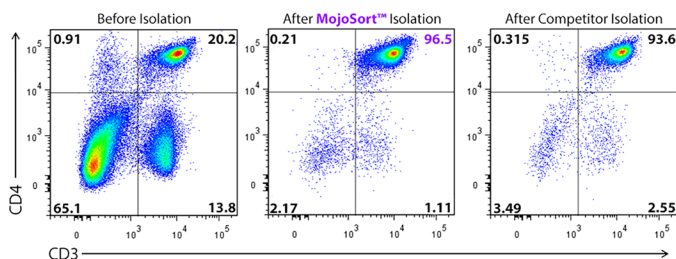
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MojoSort™ Magnetic Cell Separation System

For the latest product updates, visit: biolegend.com

Product Data

Mouse CD4 T Cell Isolation Kit



A suspension of single cells from pooled C57BL/6 mouse spleen and lymph nodes was prepared to isolate CD4⁺ T cells using the MojoSort™ Mouse CD4 T Cell Isolation Kit (Cat. No. 480006). Cells were stained with PE anti-mouse CD4 (clone RM4-4), APC anti-mouse CD3ε (145-2C11), and 7-AAD. Dead cells were excluded from the analysis.

MojoSort™ Products

Human

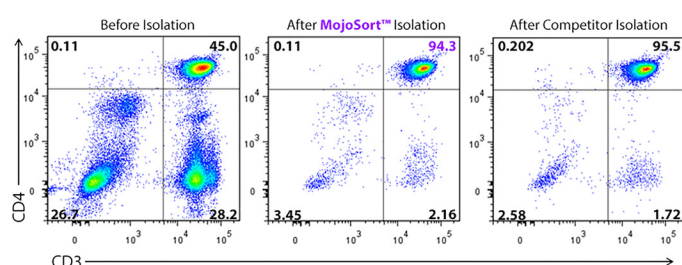
Description	Size	Cat. No.	Price
MojoSort™ Human CD4 Nanobeads	10 tests 100 tests	480013 480014	\$150 \$450
MojoSort™ Human CD45 Nanobeads	20 tests 200 tests	480029 480030	\$150 \$560
MojoSort™ Human CD3 T Cell Isolation Kit	10 tests 100 tests	480021 480022	\$150 \$450
MojoSort™ Human CD4 T Cell Isolation Kit	10 tests 100 tests	480009 480010	\$150 \$450
MojoSort™ Human CD4 T Cell Selection Kit	200 tests	480038	\$660
MojoSort™ Human CD8 T Cell Isolation Kit	10 tests 100 tests	480011 480012	\$150 \$450
MojoSort™ Human CD14 Selection Kit	20 tests 200 tests	480025 480026	\$175 \$560
MojoSort™ Human CD4 Naïve T Cell Isolation Kit	20 tests 200 tests	480041 480042	Coming soon
MojoSort™ Human CD8 Naïve T Cell Isolation Kit	20 tests 200 tests	480045 480046	Coming soon
MojoSort™ Human Monocytes Isolation Kit	10 tests 100 tests	480047 480048	Coming soon
MojoSort™ Human NK Cell Isolation Kit	20 tests 200 tests	480053 480054	Coming soon

Ancillary Products

Description	Size	Cat. No.	Price
MojoSort™ Buffer (5X)	250 ml	480017	\$50
MojoSort™ Magnet	5 ml tube	480019	\$395
MojoSort™ Streptavidin Nanobeads	100 µl 1 ml	480015 480016	\$85 \$250



Human CD4 T Cell Isolation Kit



Human PBMC were pooled from three healthy donors to isolate CD4⁺ T cells using the MojoSort™ Human CD4 T Cell Isolation Kit (Cat. No. 480010). Cells were stained with PE anti-human CD4 Antibody (clone RPA-T4), APC anti-human CD3 (UCHT1), and 7-AAD. Dead cells were excluded from the analysis.

Mouse

Description	Size	Cat. No.	Price
MojoSort™ Mouse CD19 Nanobeads	20 tests 200 tests	480001 480002	\$150 \$525
MojoSort™ Mouse CD45 Nanobeads	20 tests 200 tests	480027 480028	\$150 \$525
MojoSort™ Mouse CD3 T Cell Isolation Kit	10 tests 100 tests 200 tests	480023 480024 480031	\$85 \$365 \$495
MojoSort™ Mouse CD4 T Cell Isolation Kit	10 tests 100 tests 200 tests	480005 480006 480033	\$85 \$365 \$495
MojoSort™ Mouse CD4 Naïve T Cell Isolation Kit	20 tests 200 tests	480039 480040	\$175 \$560
MojoSort™ Mouse CD8 T Cell Isolation Kit	10 tests 100 tests 200 tests	480007 480008 480035	\$85 \$365 \$495
MojoSort™ Mouse Hematopoietic Progenitor Cell Isolation Kit	10 tests 100 tests	480003 480004	\$150 \$450
MojoSort™ Mouse CD8 Naïve T Cell Isolation Kit	20 tests 200 tests	480043 480044	Coming soon
MojoSort™ Mouse NK Cell Isolation Kit	20 tests 200 tests	480049 480050	Coming soon
MojoSort™ Mouse Pan B Cell Isolation Kit	20 tests 200 tests	480051 480052	Coming soon
MojoSort™ Mouse CX3CR1 Selection Kit	10 tests 100 tests	480055 480056	Coming soon

MojoSort™ Nanobeads are magnetic particles directly conjugated to antibodies or Streptavidin.

MojoSort™ Isolation Kits typically contain a biotin-conjugated antibody cocktail and Streptavidin Nanobeads, intended to isolate an untouched cell population.

MojoSort™ Selection Kits typically contain a biotin-conjugated antibody and Streptavidin Nanobeads intended for positive selection, or a combination of biotin-conjugated antibody, Streptavidin Nanobeads, and directly conjugated Nanobeads.

A separation buffer and a magnetic separation device are required to use MojoSort™ products. We recommend our MojoSort™ Buffer (Cat. No. 480017) and MojoSort™ Magnet (Cat. No. 480019).

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