

MojoSort™

Magnetic Cell Separation System

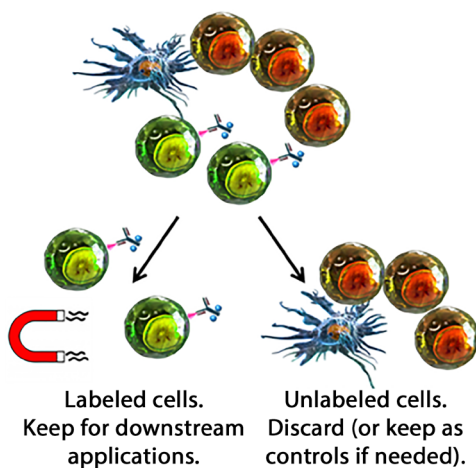
MojoSort™ is BioLegend's magnetic cell separation system for the isolation and purification of cells from heterogeneous populations. Cells can be isolated through positive selection, where cells of interest are bound by antibody-conjugated magnetic nanobeads. Or, cells can be isolated through negative 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:

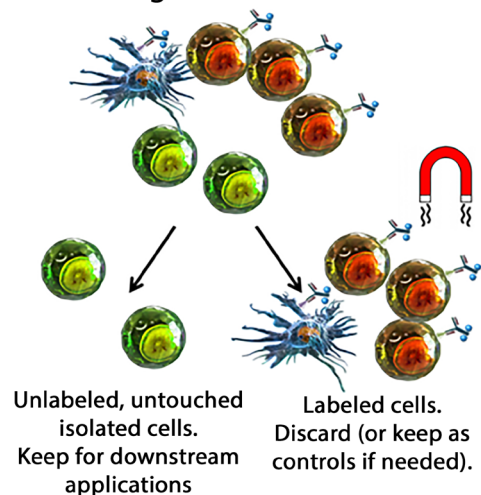
- Tube-based magnetic separation.
- Fast and easy isolation (No-wash protocols available).
- Outstanding pricing.
- Excellent purity and yield.
- Small and large test size available for convenience.
- Selected kits with even larger size for more value.
- Validated *in vitro* and *in vivo*.
- Compatible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



Positive Selection



Negative Selection

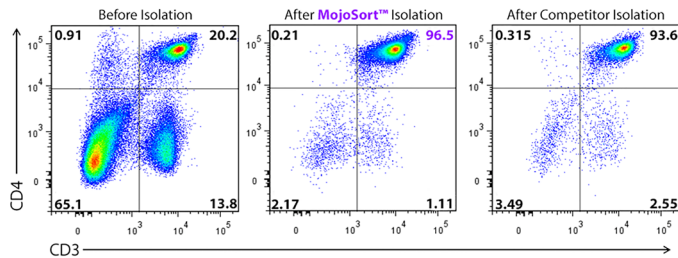


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For the latest product updates, visit: biolegend.com

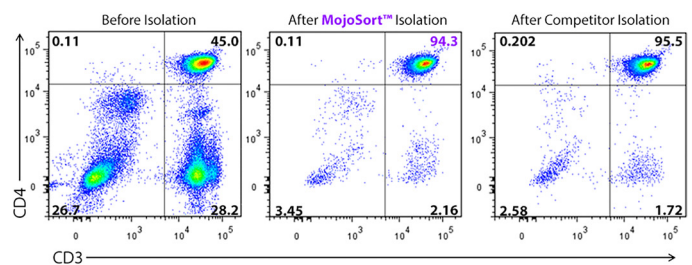
Product Data

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.

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.

MojoSort™ Products

Human

Description	Size	Cat. No.
MojoSort™ Human CD4 Nanobeads	10 tests 100 tests	480013 480014
MojoSort™ Human CD45 Nanobeads	20 tests 200 tests	480029 480030
MojoSort™ Human CD3 T Cell Isolation Kit	10 tests 100 tests	480021 480022
MojoSort™ Human CD4 T Cell Isolation Kit	10 tests 100 tests	480009 480010
MojoSort™ Human CD4 T Cell Selection Kit	200 tests	480038
MojoSort™ Human CD8 T Cell Isolation Kit	10 tests 100 tests	480011 480012
MojoSort™ Human CD8 Memory T Cell Isolation Kit	20 tests 200 tests	480065 480066
MojoSort™ Human CD14 Selection Kit	20 tests 200 tests	480025 480026
MojoSort™ Human Monocytes Isolation Kit	10 tests 100 tests	480047 480048
MojoSort™ Human Naïve B Cell Isolation Kit	10 tests 100 tests	480067 480068
MojoSort™ Human Pan Monocyte Isolation Kit	20 tests 200 tests	480059 480060
MojoSort™ Human CD4 Naïve T Cell Isolation Kit	20 tests 200 tests	480041 480042
MojoSort™ Human CD8 Naïve T Cell Isolation Kit	20 tests 200 tests	480045 480046
MojoSort™ Human NK Cell Isolation Kit	20 tests 200 tests	480053 480054

Mouse

Description	Size	Cat. No.
MojoSort™ Mouse CD19 Nanobeads	20 tests 200 tests	480001 480002
MojoSort™ Mouse CD45 Nanobeads	20 tests 200 tests	480027 480028
MojoSort™ Mouse CD3 T Cell Isolation Kit	10 tests 100 tests 200 tests	480023 480024 480031
MojoSort™ Mouse CD4 T Cell Isolation Kit	10 tests 100 tests 200 tests	480005 480006 480033
MojoSort™ Mouse CD4 Naïve T Cell Isolation Kit	20 tests 200 tests	480039 480040
MojoSort™ Mouse CD4 Nanobeads	20 tests 200 tests	480069 480070
MojoSort™ Mouse CD8 T Cell Isolation Kit	10 tests 100 tests 200 tests	480007 480008 480035
MojoSort™ Mouse Hematopoietic Progenitor Cell Isolation Kit	10 tests 100 tests	480003 480004
MojoSort™ Mouse CD8 Naïve T Cell Isolation Kit	20 tests 200 tests	480043 480044
MojoSort™ Mouse NK Cell Isolation Kit	20 tests 200 tests	480049 480050
MojoSort™ Mouse Pan B Cell Isolation Kit	20 tests 200 tests	480051 480052
MojoSort™ Mouse CX3CR1 Selection Kit	10 tests 100 tests	480055 480056

Ancillary Products

Description	Size	Cat. No.
MojoSort™ Buffer (5X)	250 ml	480017
MojoSort™ Magnet	5 ml tube	480019
MojoSort™ Magnet 14mL	14 ml tube	480020
MojoSort™ Streptavidin Nanobeads	100 µl 1 ml	480015 480016

10 tests <=> 10⁸ cellules
100 tests <=> 10⁹ cellules

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™ Magnets (Cat. No. 480019 and 480020).

En savoir plus



Service technique

Réactifs : 01 34 60 60 24 - tech@ozyme.fr

Instrumentation : 01 30 85 92 88 - instrum@ozyme.fr

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