

Resource Summary Report

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MojoSort™ Streptavidin Nanobeads Protocol - Positive Selection

DOI:10.17504/protocols.io.7wghpbw

Type: Protocol

Proper Citation

Sam Li 2019. MojoSort™ Streptavidin Nanobeads Protocol - Positive Selection. protocols.io dx.doi.org/10.17504/protocols.io.7wghpbw

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.7wghpbw>

Authors: Sam Li

Group: BioLegend

Summary: Product description and procedure summary: If your target cells are the labeled cells (the positive fraction), use the Streptavidin Nanobeads Protocol – Positive Selection. If your target cells are the unlabeled cells (negative fraction), use the Streptavidin Nanobeads Protocol - Negative Selection. Target cells are isolated by incubating your sample with a Biotin-conjugated antibody or antibody cocktail, followed by incubation with magnetic Streptavidin Nanobeads (Cat. No. 480015/480016). The magnetically labeled fraction is retained by the use of a magnetic separator. The untouched cells are collected. These are the cells of interest; do not discard the liquid. Some of the downstream applications include functional assays, gene expression, phenotypic characterization, etc. Note: This procedure is optimized for the isolation of 10^7 to 2×10^8 cells per tube. If working with fewer than 10^7 cells, keep volumes as indicated for 10^7 cells. For best results, optimize the conditions to your specific cell number and tissue. Prepare fresh MojoSort™ Buffer solution by diluting the 5X concentrate with sterile distilled water. Scale up volumes if using 14 mL tubes and Magnet, and place the tube in the magnet for 10 minutes.

Affiliations: BioLegend

External URL: <https://www.biolegend.com/protocols/mojosort-streptavidin-nanobeads-protocol-positive-selection/4748/>

Version: 1

Publication Date: 2019

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Record Creation Time: 20210329T220535+0000

Record Last Update: 20210329T221028+0000

Data and Source Information

Source: