Resource Summary Report

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MojoSort™ Selection Kits Protocol - 1

DOI:10.17504/protocols.io.7yxhpxn
Type: Protocol

Proper Citation

Sam Li 2019. MojoSort™ Selection Kits Protocol - 1. protocols.io dx.doi.org/10.17504/protocols.io.7yxhpxn

Protocol Information

URL: https://dx.doi.org/10.17504/protocols.io.7yxhpxn

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Group: BioLegend

Summary: Product description and procedure summary:Target cells are depleted by incubating the sample with the biotin 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 protocol has been optimized to remove washing steps after antibody cocktail and nanobeads incubations, resulting in a shorter and more convenient protocol. This procedure is optimized for the isolation of 107 to 2 x 108 cells per tube. If working with fewer than 107 cells, keep volumes as indicated for 107 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 14mL tubes and Magnet, and place the tube in the magnet for 10 minutes.

Affiliations: BioLegend

External URL: https://www.biolegend.com/protocols/mojosort-selection-kits-protocol-1/4657/

Version: 2

Publication Date: 2019

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