

Resource Summary Report

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MojoSort™ Selection Kits Protocol - 5

DOI:10.17504/protocols.io.7z9hp96

Type: Protocol

Proper Citation

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[dx.doi.org/10.17504/protocols.io.7z9hp96](https://doi.org/10.17504/protocols.io.7z9hp96)

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.7z9hp96>

Authors: Sam Li

Group: BioLegend

Summary: Product description and procedure summary: Target cells are either selected or 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. If these are the cells of interest; do not discard the liquid. Some of the downstream applications include functional assays, gene expression, phenotypic characterization, etc. **Sample Preparation:** Enzymatic digestion of mouse brain followed by myelin removal is recommended to achieve the highest purity and yield. There are several protocols published that can be applied. As a general guideline, Trypsin digestion followed by a 70/37/30% percoll gradient will increase final purity and yield. 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-selection-kits-protocol-5/4244/>

Version: 1

Publication Date: 2019

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