

# MOUSE CELL ISOLATION

Use EasySep™ for a Smarter Way to Isolate Cells

## Isolate Mouse Cells from Multiple Samples in As Little As 15 Minutes

Mouse cell isolation has never been this fast and easy. Isolate mouse immune cells from multiple samples in as little as 15 minutes with our EasySep™ mouse cell isolation kits and multi-sample processing platform: the EasyEights™ EasySep™ Magnet. Handle larger volume samples with “The Big Easy” EasySep™ Magnet or explore automated cell isolation with RoboSep™. Isolated cells are highly purified, functional, and ready for immediate downstream use.

### Why Use EasySep™ for Mouse Cells?

**FAST AND EASY.** Isolate highly purified mouse immune cells in as little as 15 minutes.

**GENTLE.** Obtain viable, functional cells without the need for columns and washes.

**HIGH PURITY.** Achieve purities of up to 98%.

**SCALABLE.** Process up to 16 samples over a wide range of sample sizes.

Isolate functional mouse cells with purities of up to 98%, including:

- B cells (Catalog #19854 and #18954)
- Pan-B cells (Catalog #19844 and #18954)
- T cells (Catalog #19851 and #18951)
- Pan-naïve T cells (Catalog #19848)
- CD4<sup>+</sup> T cells (Catalog #19852 and #18952)
- Naïve CD4<sup>+</sup> T cells (Catalog #19765 and #18765)
- Memory CD4<sup>+</sup> T cells (Catalog #19767)
- Regulatory T cells (Catalog #18783)
- CD8<sup>+</sup> T cells (Catalog #19853 and #18953)
- Naïve CD8<sup>+</sup> T cells (Catalog #19858)
- NK cells (Catalog #19855 and #18755)
- Monocytes (Catalog #19861 and #18970)
- Pan-dendritic cells (Catalog #19763 and #18780)
- Plasmacytoid dendritic cells (Catalog #19764)
- Macrophages (Catalog #100-0659)
- Neutrophils (Catalog #19762)
- Hematopoietic progenitor cells (Catalog #19856, #18757 and #18756)
- Any cell type using Streptavidin RapidSpheres™ (Catalog #19860)

## Choose Your Cell Isolation Platform



EasySep™: Manual



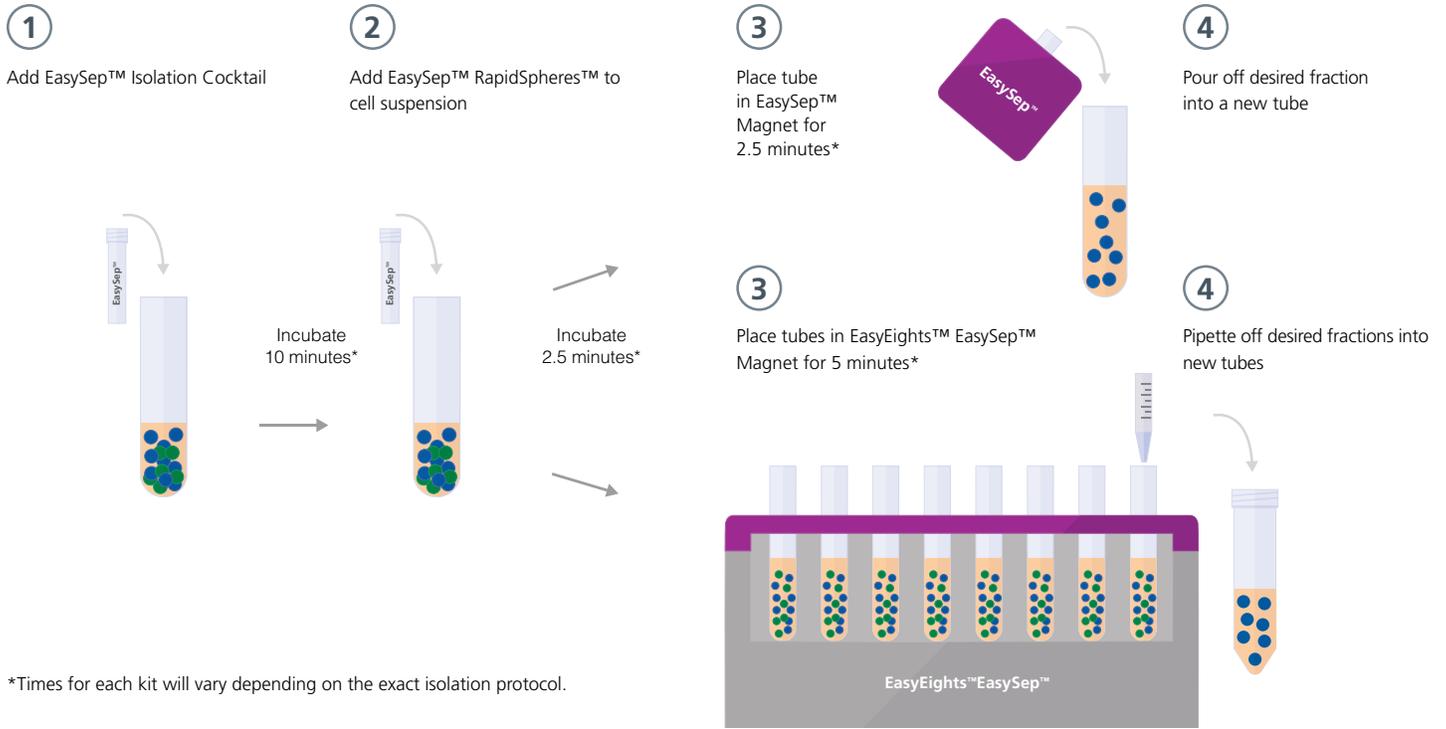
RoboSep™-S: Fully Automated



EasyEights™: Multiplex

# How Does It Work?

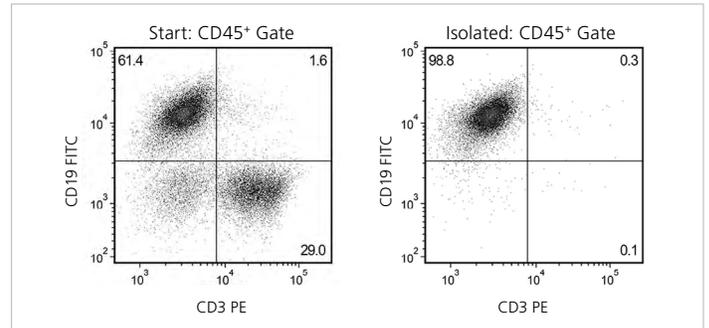
## Typical Single or Multiple Sample EasySep™ Mouse Cell Isolation Protocol



\*Times for each kit will vary depending on the exact isolation protocol.

### Why Use EasyEights™ for Mouse Cells?

- Simultaneously isolate up to 8 samples on each side, using 8 x 5 mL tubes on one side and 8 x 14 mL tubes on the other side
- Wide sample range from 0.125 - 2.0 x 10<sup>8</sup> cells (per 5 mL tube) or 0.25 - 8.0 x 10<sup>8</sup> cells (per 14 mL tube)
- Large magnet capacity of 64 mouse spleens or 64 mL of human cells at 1 x 10<sup>8</sup> cells/mL
- Compatible with the 15-minute mouse EasySep™ RapidSpheres™ negative isolation kits



### Typical EasySep™ Mouse B Cell Isolation Profile

Starting with mouse splenocytes, the B cell content (CD19<sup>+</sup>CD3<sup>-</sup>) of the isolated fraction is typically 97.6 ± 1.7% (mean ± SD) using the purple EasySep™ Magnet.

Find our complete listing of negative and positive selection kits and our most current EasySep™ mouse cell isolation products at [www.stemcell.com/EasyMouse](http://www.stemcell.com/EasyMouse).

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